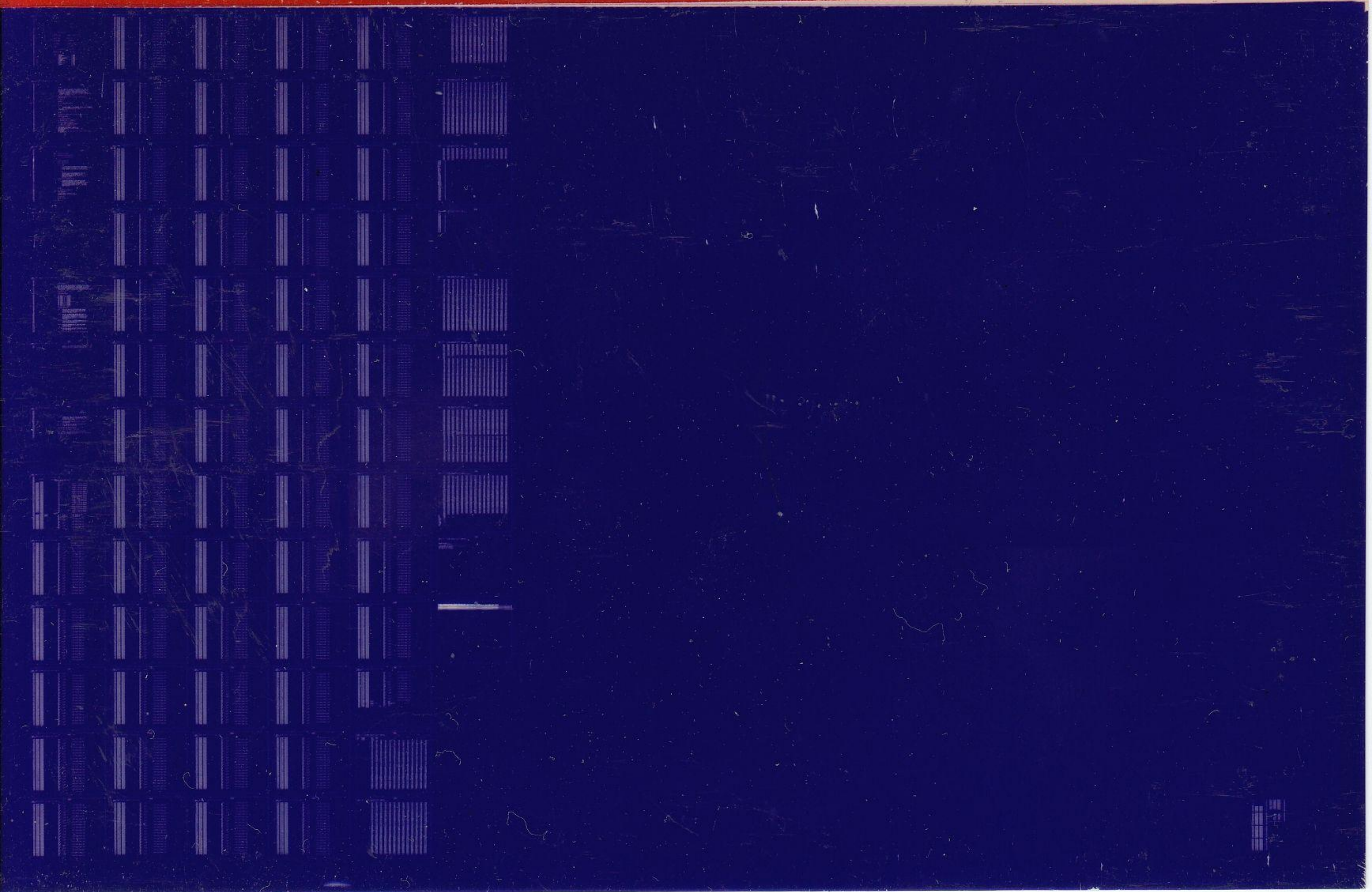


TEST

TEST 1 BRANCH
MD-11-DOA-A

EP-DOA-A-DL-A
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IDENTIFICATION

PRODUCT CODE: MAINDEC-11-DOAA TO DOLA-D
 PRODUCT NAME: FIRST LEVEL 1-12
 DATE CREATED: 17 MARCH 1970
 MAINTAINER: DIAGNOSTIC GROUP
 AUTHOR: JOHN HITTELL

THIS GROUP OF TESTS CONSIST OF:

PROCESSOR TEST		MAINDEC	
TEST	1	BRANCH	11-DOAA
	2	CON BRANCH	11-DOBA
	3	UNARY	11-DOCA
	4	UNARY AND BINARYS	11-DODA
	5	ROTATE/SHIFT	11-DOEA
	6	COMPARE	11-DOFA
	7	COMPARE NOT	11-DOGA
	8	MOVE	11-DOHA
	9	BIS,BIC AND BIT	11-DOIA
	10	ADD	11-DOJA
	11	SUBTRACT	11-DOKA
	12	JMP	11-DOLA

 11-DOAA
 11-DOBA
 11-DOCA
 11-DODA
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 11-DOFA
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1. ABSTRACT

THIS IS A GROUP OF 12 TESTS THAT INCREMENTALLY TEST AND ISOLATE SIMPLE MALFUNCTIONS OF THE PDP 11. THE TESTS SHOULD BE RUN IN THE INDICATED NUMERICAL SEQUENCE. THE SEQUENCE IS 1. BRANCH 2. CONDITIONAL BRANCH 3. UNARY 4. UNARY AND BINARYS 5. ROTATE/SHIFT 6. COMPARE (EQUALITY) 7. COMPARE (NON EQUALITY) 8. MOVE 9. BIT SET, CLEAR AND TEST 10. ADD 11. SUBTRACT 12. JUMP

THERE IS A SECOND GROUP OF TESTS FOR MORE COMPLEX MALFUNCTIONS.

2. REQUIREMENTS

2.1 EQUIPMENT

PDP-11/20 STANDARD COMPUTER

2.2 STORAGE

2.2.1 PROGRAM STORAGE - THE PROGRAMS USE ALL OF A 4KW MEMORY WITH THE EXCEPTION OF 17500 TO 17776 (WHICH IS RESERVED FOR THE BOOT AND ABSOLUTE LOADER).

3. LOADING PROCEDURE

3.1 METHOD

PROCEDURE FOR NORMAL ABSOLUTE TAPES SHOULD BE FOLLOWED.

4. STARTING PROCEDURE

4.1 CONTROL SWITCH SETTING

ALL PROGRAMS START AT ADDRESS 200.

4.2 STARTING ADDRESS OR ADDRESSES

(A) 200 = START AND RESTART ADDRESS

4.3 PROGRAM AND/OR OPERATOR ACTION

LOAD PROGRAM INTO MEMORY. (BOTTOM 4K)
SET SWITCH REGISTER TO STARTING ADDRESS. (200)
LOAD ADDRESS.
PRESS START.
THE PROGRAM WILL LOOP, AND RING A BELL AFTER A FIXED NUMBER OF ITERATIONS.

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5. OPERATING PROCEDURE
- 5.1 OPERATIONAL SWITCH SETTINGS
- 5.1.1 NO SWITCHES ARE USED
- 5.1.3
- 5.2 SUBROUTINE ABSTRACTS
- 5.2.1 BEGIN SA 200
- 5.2.2 SCOPE

IS A "NOP" THAT IS PLACED BETWEEN EACH SUBTEST
IN THE INSTRUCTION SECTION. IF A SCOPE LOOP IS NEEDED,
INSERT A BRANCH TO THE PREVIOUS SCOPE LOCATION
AT THE CURRENT SCOPE LOCATION. (NOTE NOP=240)
- 5.2.3 HLT

INDICATES THE UNIQUE ADDRESS THAT TAGS THE
FAILING SUBTEST. THE INCORRECT DATA AT THE
TIME OF THE FAILURE MAY OR MAY NOT BE
DISPLAYED IN REGISTER ZERO, WHICH IS THE DATA
REGISTER ON A HALT.
- 5.3 PROGRAM AND/OR OPERATOR ACTION
- 5.3.1 LOADING AND STARTING AT 200 STARTS THE TEST. IF
AN ERROR IS DETECTED, THERE WILL BE A HALT.
WHEN A HALT OCCURS AND IT IS NECESSARY TO SCOPE ON
IT, PLACE INSERT A BRANCH INSTRUCTION IN THE
SCOPE LOCATION FOLLOWING THE HALT. THE BRANCH
INSTRUCTION SHOULD BRANCH YOU TO THE PREVIOUS
SCOPE LOCATION.
6. ERRORS
- 6.1 ALL ERRORS WILL CAUSE A HALT.
- 6.2 ERROR RECOVERY
ON TRAP ERRORS - RESTART AT 200.
DEPRESS CONTINUE TO CONTINUE TEST
7. RESTRICTIONS
- 7.1 STARTING RESTRICTION
NONE

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MAIN. MACY11 27(732) 04-OCT-76 09:37 PAGE 5
DOAA.P11

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7.2 OPERATIONAL RESTRICTION
NONE

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8. MISCELLANEOUS

IF A HALT OCCURES IN THE TRAP OR INTERRUPT VECTOR AREA, REGISTER SIX SHOULD BE EXAMINED TO DETERMINE ITS CONTENTS, THEN USE REGISTER SIX CONTENTS AS AN ADDRESS TO DETERMINE THE LOCATION THE PROGRAM WAS AT, WHEN THE INTERRUPT OR TRAP OCCURRED. (MEMORY AS SPECIFIED BY R6 CONTAINS THE PC OF THE INSTRUCTION FOLLOWING THE INSTRUCTION WHERE THE TRAP OCCURED)

8.1 EXECUTION TIME

TIME BETWEEN BELLS

FOR TAPE 1	5	MINUTES
FOR TAPE 2	2.5	MINUTES
FOR TAPE 3	3	MINUTES
FOR TAPE 4	6	MINUTES
FOR TAPE 5	5	MINUTES
FOR TAPE 6	6	MINUTES
FOR TAPE 7	5	MINUTES
FOR TAPE 8	6	MINUTES
FOR TAPE 9	3	MINUTES
FOR TAPE 10	4	MINUTES
FOR TAPE 11	2	MINUTES
FOR TAPE 12	4	MINUTES

9. PROGRAM DESCRIPTION

- TEST 1 THIS IS A TEST OF THE UNCONDITIONAL BRANCH INSTRUCTION, IT PROVES THAT A LONG PROGRAM CAN BE LOADED AND THE INSTRUCTIONS CAN BE EXECUTED THROUGHOUT MEMORY.
- TEST 2 THIS IS A CONDITIONAL BRANCH TEST USING ALL OF THE CONDITIONAL BRANCH INSTRUCTIONS. IT TESTS THAT ALL COMBINATIONS OF CONDITION CODES ARE RESPONDED TO CORRECTLY. (THE CONDITION CODES ARE MANIPULATED WITH THE MICRO-PROGRAM OPERATIONS.)
- TEST 3 THIS IS A TEST OF THE UNARY INSTRUCTIONS AND THEIR EFFECTS UPON THE CONDITION CODES ONLY. MOSTLY REGISTER OPERATIONS.
- TEST 4 THIS IS A COMBINED USE OF UNARY AND BINARY INSTRUCTIONS TESTING THE RESULTS AND THE CONDITION CODES.
- TEST 5 THIS TEST ROTATE AND SHIFT INSTRUCTION, BOTH THE REGISTERS AND MEMORY LOCATIONS, WORD AND BYTE, ARE TESTED.
- TEST 6 THIS IS A TEST OF THE COMPARE INSTRUCTIONS FOR

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MAIN. MACY11 27(732) 04-OCT-76 09:37 PAGE 7
DOAA.P11

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EQUALITY. ALL CONDITIONAL BRANCHES THAT WILL
BRANCH ON ANY FORM OF EQUALITY ARE ALSO TESTED.
BOTH WORD AND BYTE OPERATIONS ARE USED.

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(9 CONT'D)

TEST 7 COMPARE NOT. THIS IS A TEST OF THE COMPARE INSTRUCTIONS WHERE NO VALUES ARE EQUAL. HERE BRANCHES FOR NOT EQUAL, GREATER THAN AND LESS THAN, ETC., ARE TESTED.

TEST 8 CHECKS THE MOVE INSTRUCTION BOTH TO MEMORY AND REGISTERS.

TEST 9 CHECK THE BIS, BIC AND BIT INSTRUCTION BOTH TO MEMORY AND TO REGISTERS.

TEST 10 TESTS THE ADD INSTRUCTION.

TEST 11 TESTS THE SUBTRACT INSTRUCTION.

TEST 12 TEST OF THE JUMP INSTRUCTION IN MOST MODES.

NOTE THAT STACK OPERATION AND INSTRUCTIONS THAT USE THEM ARE NOT TESTED IN THIS GROUP OF TEST.

- 10. LISTING
- 11. FLOW CHART(S)

252			%		
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254			:TEST 1		
255			:TEST POP11 BRANCH UNCONDITIONAL		
256			:START ADDRESS=200		
257		000000	. =0		
258	000000	000002	.+2		
259	000002	000000	HALT		; TRAPPED TO PREVIOUS ADDRESS
260	000004	000006	.+2		
261	000006	000000	HALT		; TRAPPED TO PREVIOUS ADDRESS
262	000010	000012	.+2		
263	000012	000000	HALT		; TRAPPED TO PREVIOUS ADDRESS
264	000014	000016	.+2		
265	000016	000000	HALT		; TRAPPED TO PREVIOUS ADDRESS
266	000020	000022	.+2		
267	000022	000000	HALT		; TRAPPED TO PREVIOUS ADDRESS
268	000024	000026	.+2		
269	000026	000000	HALT		; TRAPPED TO PREVIOUS ADDRESS
270	000030	000032	.+2		
271	000032	000000	HALT		; TRAPPED TO PREVIOUS ADDRESS
272	000034	000036	.+2		
273	000036	000000	HALT		; TRAPPED TO PREVIOUS ADDRESS
274	000040	000042	.+2		
275	000042	000000	HALT		; TRAPPED TO PREVIOUS ADDRESS
276	000044	000046	.+2		
277	000046	000000	HALT		; TRAPPED TO PREVIOUS ADDRESS
278	000050	000052	.+2		
279	000052	000000	HALT		; TRAPPED TO PREVIOUS ADDRESS
280	000054	000056	.+2		
281	000056	000000	HALT		; TRAPPED TO PREVIOUS ADDRESS
282	000060	000062	.+2		
283	000062	000000	HALT		; TRAPPED TO PREVIOUS ADDRESS
284	000064	000066	.+2		
285	000066	000000	HALT		; TRAPPED TO PREVIOUS ADDRESS
286	000070	000072	.+2		
287	000072	000000	HALT		; TRAPPED TO PREVIOUS ADDRESS
288	000074	000076	.+2		
289	000076	000000	HALT		; TRAPPED TO PREVIOUS ADDRESS
290		177570			
291		000200	SR=177570 . =200		
292	000200	012701	MOV #6,%1		; PLACE OFFSET IN ZERO
293	000204	012700	MOV #204-6,%0		; PLACE BASE ONE
294	000210	060100	ADD %1,%0		
295	000212	000401	BR .+4		
296	000214	000000	HALT		; COUNT SHOULD EQUAL 210
297	000216	060100	ADD %1,%0		
298	000220	000401	BR .+4		
299	000222	000000	HALT		; COUNT SHOULD EQUAL 216
300	000224	060100	ADD %1,%0		
301	000226	000401	BR .+4		
302	000230	000000	HALT		; COUNT SHOULD EQUAL 224
303	000232	060100	ADD %1,%0		
304	000234	000401	BR .+4		
305	000236	000000	HALT		; COUNT SHOULD EQUAL 232
306	000240	060100	ADD %1,%0		
307	000242	000401	BR .+4		

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308	000244	000000	HALT		;COUNT SHOULD EQUAL 240
309	000246	060100	ADD	%1,%0	
310	000250	000401	BR	+.4	
311	000252	000000	HALT		;COUNT SHOULD EQUAL 246
312	000254	060100	ADD	%1,%0	
313	000256	000401	BR	+.4	
314	000260	000000	HALT		;COUNT SHOULD EQUAL 254
315	000262	060100	ADD	%1,%0	
316	000264	000401	BR	+.4	
317	000266	000000	HALT		;COUNT SHOULD EQUAL 262
318	000270	060100	ADD	%1,%0	
319	000272	000401	BR	+.4	
320	000274	000000	HALT		;COUNT SHOULD EQUAL 270
321	000276	060100	ADD	%1,%0	
322	000300	000401	BR	+.4	
323	000302	000000	HALT		;COUNT SHOULD EQUAL 276
324	000304	060100	ADD	%1,%0	
325	000306	000401	BR	+.4	
326	000310	000000	HALT		;COUNT SHOULD EQUAL 304
327	000312	060100	ADD	%1,%0	
328	000314	000401	BR	+.4	
329	000316	000000	HALT		;COUNT SHOULD EQUAL 312
330	000320	060100	ADD	%1,%0	
331	000322	000401	BR	+.4	
332	000324	000000	HALT		;COUNT SHOULD EQUAL 320
333	000326	060100	ADD	%1,%0	
334	000330	000401	BR	+.4	
335	000332	000000	HALT		;COUNT SHOULD EQUAL 326
336	000334	060100	ADD	%1,%0	
337	000336	000401	BR	+.4	
338	000340	000000	HALT		;COUNT SHOULD EQUAL 334
339	000342	060100	ADD	%1,%0	
340	000344	000401	BR	+.4	
341	000346	000000	HALT		;COUNT SHOULD EQUAL 342
342	000350	060100	ADD	%1,%0	
343	000352	000401	BR	+.4	
344	000354	000000	HALT		;COUNT SHOULD EQUAL 350
345	000356	060100	ADD	%1,%0	
346	000360	000401	BR	+.4	
347	000362	000000	HALT		;COUNT SHOULD EQUAL 356
348	000364	060100	ADD	%1,%0	
349	000366	000401	BR	+.4	
350	000370	000000	HALT		;COUNT SHOULD EQUAL 364
351	000372	060100	ADD	%1,%0	
352	000374	000401	BR	+.4	
353	000376	000000	HALT		;COUNT SHOULD EQUAL 372
354	000400	060100	ADD	%1,%0	
355	000402	000401	BR	+.4	
356	000404	000000	HALT		;COUNT SHOULD EQUAL 400
357	000406	060100	ADD	%1,%0	
358	000410	000401	BR	+.4	
359	000412	000000	HALT		;COUNT SHOULD EQUAL 406
360	000414	060100	ADD	%1,%0	
361	000416	000401	BR	+.4	
362	000420	000000	HALT		;COUNT SHOULD EQUAL 414
363	000422	060100	ADD	%1,%0	

364	000424	000401	BR	.+4	
365	000426	000000	HALT		;COUNT SHOULD EQUAL 422
366	000430	060100	ADD	%1,%0	
367	000432	000401	BR	.+4	
368	000434	000000	HALT		;COUNT SHOULD EQUAL 430
369	000436	060100	ADD	%1,%0	
370	000440	000401	BR	.+4	
371	000442	000000	HALT		;COUNT SHOULD EQUAL 436
372	000444	060100	ADD	%1,%0	
373	000446	000401	BR	.+4	
374	000450	000000	HALT		;COUNT SHOULD EQUAL 444
375	000452	060100	ADD	%1,%0	
376	000454	000401	BR	.+4	
377	000456	000000	HALT		;COUNT SHOULD EQUAL 452
378	000460	060100	ADD	%1,%0	
379	000462	000401	BR	.+4	
380	000464	000000	HALT		;COUNT SHOULD EQUAL 460
381	000466	060100	ADD	%1,%0	
382	000470	000401	BR	.+4	
383	000472	000000	HALT		;COUNT SHOULD EQUAL 466
384	000474	060100	ADD	%1,%0	
385	000476	000401	BR	.+4	
386	000500	000000	HALT		;COUNT SHOULD EQUAL 474
387	000502	060100	ADD	%1,%0	
388	000504	000401	BR	.+4	
389	000506	000000	HALT		;COUNT SHOULD EQUAL 502
390	000510	060100	ADD	%1,%0	
391	000512	000401	BR	.+4	
392	000514	000000	HALT		;COUNT SHOULD EQUAL 510
393	000516	060100	ADD	%1,%0	
394	000520	000401	BR	.+4	
395	000522	000000	HALT		;COUNT SHOULD EQUAL 516
396	000524	060100	ADD	%1,%0	
397	000526	000401	BR	.+4	
398	000530	000000	HALT		;COUNT SHOULD EQUAL 524
399	000532	060100	ADD	%1,%0	
400	000534	000401	BR	.+4	
401	000536	000000	HALT		;COUNT SHOULD EQUAL 532
402	000540	060100	ADD	%1,%0	
403	000542	000401	BR	.+4	
404	000544	000000	HALT		;COUNT SHOULD EQUAL 540
405	000546	060100	ADD	%1,%0	
406	000550	000401	BR	.+4	
407	000552	000000	HALT		;COUNT SHOULD EQUAL 546
408	000554	060100	ADD	%1,%0	
409	000556	000401	BR	.+4	
410	000560	000000	HALT		;COUNT SHOULD EQUAL 554
411	000562	060100	ADD	%1,%0	
412	000564	000401	BR	.+4	
413	000566	000000	HALT		;COUNT SHOULD EQUAL 562
414	000570	060100	ADD	%1,%0	
415	000572	000401	BR	.+4	
416	000574	000000	HALT		;COUNT SHOULD EQUAL 570
417	000576	060100	ADD	%1,%0	
418	000600	000401	BR	.+4	
419	000602	000000	HALT		;COUNT SHOULD EQUAL 576

420	000604	060100	ADD	%1,%0	
421	000606	000401	BR	+.4	
422	000610	000000	HALT		;COUNT SHOULD EQUAL 604
423	000612	060100	ADD	%1,%0	
424	000614	000401	BR	+.4	
425	000616	000000	HALT		;COUNT SHOULD EQUAL 612
426	000620	060100	ADD	%1,%0	
427	000622	000401	BR	+.4	
428	000624	000000	HALT		;COUNT SHOULD EQUAL 620
429	000626	060100	ADD	%1,%0	
430	000630	000401	BR	+.4	
431	000632	000000	HALT		;COUNT SHOULD EQUAL 626
432	000634	060100	ADD	%1,%0	
433	000636	000401	BR	+.4	
434	000640	000000	HALT		;COUNT SHOULD EQUAL 634
435	000642	060100	ADD	%1,%0	
436	000644	000401	BR	+.4	
437	000646	000000	HALT		;COUNT SHOULD EQUAL 642
438	000650	060100	ADD	%1,%0	
439	000652	000401	BR	+.4	
440	000654	000000	HALT		;COUNT SHOULD EQUAL 650
441	000656	060100	ADD	%1,%0	
442	000660	000401	BR	+.4	
443	000662	000000	HALT		;COUNT SHOULD EQUAL 656
444	000664	060100	ADD	%1,%0	
445	000666	000401	BR	+.4	
446	000670	000000	HALT		;COUNT SHOULD EQUAL 664
447	000672	060100	ADD	%1,%0	
448	000674	000401	BR	+.4	
449	000676	000000	HALT		;COUNT SHOULD EQUAL 672
450	000700	060100	ADD	%1,%0	
451	000702	000401	BR	+.4	
452	000704	000000	HALT		;COUNT SHOULD EQUAL 700
453	000706	060100	ADD	%1,%0	
454	000710	000401	BR	+.4	
455	000712	000000	HALT		;COUNT SHOULD EQUAL 706
456	000714	060100	ADD	%1,%0	
457	000716	000401	BR	+.4	
458	000720	000000	HALT		;COUNT SHOULD EQUAL 714
459	000722	060100	ADD	%1,%0	
460	000724	000401	BR	+.4	
461	000726	000000	HALT		;COUNT SHOULD EQUAL 722
462	000730	060100	ADD	%1,%0	
463	000732	000401	BR	+.4	
464	000734	000000	HALT		;COUNT SHOULD EQUAL 730
465	000736	060100	ADD	%1,%0	
466	000740	000401	BR	+.4	
467	000742	000000	HALT		;COUNT SHOULD EQUAL 736
468	000744	060100	ADD	%1,%0	
469	000746	000401	BR	+.4	
470	000750	000000	HALT		;COUNT SHOULD EQUAL 744
471	000752	060100	ADD	%1,%0	
472	000754	000401	BR	+.4	
473	000756	000000	HALT		;COUNT SHOULD EQUAL 752
474	000760	060100	ADD	%1,%0	
475	000762	000401	BR	+.4	

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476	000764	000000	HALT		;COUNT SHOULD EQUAL 760
477	000766	060100	ADD	%1,%0	
478	000770	000401	BR	+.4	
479	000772	000000	HALT		;COUNT SHOULD EQUAL 766
480	000774	060100	ADD	%1,%0	
481	000776	000401	BR	+.4	
482	001000	000000	HALT		;COUNT SHOULD EQUAL 774
483	001002	060100	ADD	%1,%0	
484	001004	000401	BR	+.4	
485	001006	000000	HALT		;COUNT SHOULD EQUAL 1002
486	001010	060100	ADD	%1,%0	
487	001012	000401	BR	+.4	
488	001014	000000	HALT		;COUNT SHOULD EQUAL 1010
489	001016	060100	ADD	%1,%0	
490	001020	000401	BR	+.4	
491	001022	000000	HALT		;COUNT SHOULD EQUAL 1016
492	001024	060100	ADD	%1,%0	
493	001026	000401	BR	+.4	
494	001030	000000	HALT		;COUNT SHOULD EQUAL 1024
495	001032	060100	ADD	%1,%0	
496	001034	000401	BR	+.4	
497	001036	000000	HALT		;COUNT SHOULD EQUAL 1032
498	001040	060100	ADD	%1,%0	
499	001042	000401	BR	+.4	
500	001044	000000	HALT		;COUNT SHOULD EQUAL 1040
501	001046	060100	ADD	%1,%0	
502	001050	000401	BR	+.4	
503	001052	000000	HALT		;COUNT SHOULD EQUAL 1046
504	001054	060100	ADD	%1,%0	
505	001056	000401	BR	+.4	
506	001060	000000	HALT		;COUNT SHOULD EQUAL 1054
507	001062	060100	ADD	%1,%0	
508	001064	000401	BR	+.4	
509	001066	000000	HALT		;COUNT SHOULD EQUAL 1062
510	001070	060100	ADD	%1,%0	
511	001072	000401	BR	+.4	
512	001074	000000	HALT		;COUNT SHOULD EQUAL 1070
513	001076	060100	ADD	%1,%0	
514	001100	000401	BR	+.4	
515	001102	000000	HALT		;COUNT SHOULD EQUAL 1076
516	001104	060100	ADD	%1,%0	
517	001106	000401	BR	+.4	
518	001110	000000	HALT		;COUNT SHOULD EQUAL 1104
519	001112	060100	ADD	%1,%0	
520	001114	000401	BR	+.4	
521	001116	000000	HALT		;COUNT SHOULD EQUAL 1112
522	001120	060100	ADD	%1,%0	
523	001122	000401	BR	+.4	
524	001124	000000	HALT		;COUNT SHOULD EQUAL 1120
525	001126	060100	ADD	%1,%0	
526	001130	000401	BR	+.4	
527	001132	000000	HALT		;COUNT SHOULD EQUAL 1126
528	001134	060100	ADD	%1,%0	
529	001136	000401	BR	+.4	
530	001140	000000	HALT		;COUNT SHOULD EQUAL 1134
531	001142	060100	ADD	%1,%0	

532	001144	000401	BR	.+4	
533	001146	000000	HALT		;COUNT SHOULD EQUAL 1142
534	001150	060100	ADD	%1,%0	
535	001152	000401	BR	.+4	
536	001154	000000	HALT		;COUNT SHOULD EQUAL 1150
537	001156	060100	ADD	%1,%0	
538	001160	000401	BR	.+4	
539	001162	000000	HALT		;COUNT SHOULD EQUAL 1156
540	001164	060100	ADD	%1,%0	
541	001166	000401	BR	.+4	
542	001170	000000	HALT		;COUNT SHOULD EQUAL 1164
543	001172	060100	ADD	%1,%0	
544	001174	000401	BR	.+4	
545	001176	000000	HALT		;COUNT SHOULD EQUAL 1172
546	001200	060100	ADD	%1,%0	
547	001202	000401	BR	.+4	
548	001204	000000	HALT		;COUNT SHOULD EQUAL 1200
549	001206	060100	ADD	%1,%0	
550	001210	000401	BR	.+4	
551	001212	000000	HALT		;COUNT SHOULD EQUAL 1206
552	001214	060100	ADD	%1,%0	
553	001216	000401	BR	.+4	
554	001220	000000	HALT		;COUNT SHOULD EQUAL 1214
555	001222	060100	ADD	%1,%0	
556	001224	000401	BR	.+4	
557	001226	000000	HALT		;COUNT SHOULD EQUAL 1222
558	001230	060100	ADD	%1,%0	
559	001232	000401	BR	.+4	
560	001234	000000	HALT		;COUNT SHOULD EQUAL 1230
561	001236	060100	ADD	%1,%0	
562	001240	000401	BR	.+4	
563	001242	000000	HALT		;COUNT SHOULD EQUAL 1236
564	001244	060100	ADD	%1,%0	
565	001246	000401	BR	.+4	
566	001250	000000	HALT		;COUNT SHOULD EQUAL 1244
567	001252	060100	ADD	%1,%0	
568	001254	000401	BR	.+4	
569	001256	000000	HALT		;COUNT SHOULD EQUAL 1252
570	001260	060100	ADD	%1,%0	
571	001262	000401	BR	.+4	
572	001264	000000	HALT		;COUNT SHOULD EQUAL 1260
573	001266	060100	ADD	%1,%0	
574	001270	000401	BR	.+4	
575	001272	000000	HALT		;COUNT SHOULD EQUAL 1266
576	001274	060100	ADD	%1,%0	
577	001276	000401	BR	.+4	
578	001300	000000	HALT		;COUNT SHOULD EQUAL 1274
579	001302	060100	ADD	%1,%0	
580	001304	000401	BR	.+4	
581	001306	000000	HALT		;COUNT SHOULD EQUAL 1302
582	001310	060100	ADD	%1,%0	
583	001312	000401	BR	.+4	
584	001314	000000	HALT		;COUNT SHOULD EQUAL 1310
585	001316	060100	ADD	%1,%0	
586	001320	000401	BR	.+4	
587	001322	000000	HALT		;COUNT SHOULD EQUAL 1316

588	001324	060100	ADD	%1,%0	
589	001326	000401	BR	+.4	
590	001330	000000	HALT		;COUNT SHOULD EQUAL 1324
591	001332	060100	ADD	%1,%0	
592	001334	000401	BR	+.4	
593	001336	000000	HALT		;COUNT SHOULD EQUAL 1332
594	001340	060100	ADD	%1,%0	
595	001342	000401	BR	+.4	
596	001344	000000	HALT		;COUNT SHOULD EQUAL 1340
597	001346	060100	ADD	%1,%0	
598	001350	000401	BR	+.4	
599	001352	000000	HALT		;COUNT SHOULD EQUAL 1346
600	001354	060100	ADD	%1,%0	
601	001356	000401	BR	+.4	
602	001360	000000	HALT		;COUNT SHOULD EQUAL 1354
603	001362	060100	ADD	%1,%0	
604	001364	000401	BR	+.4	
605	001366	000000	HALT		;COUNT SHOULD EQUAL 1362
606	001370	060100	ADD	%1,%0	
607	001372	000401	BR	+.4	
608	001374	000000	HALT		;COUNT SHOULD EQUAL 1370
609	001376	060100	ADD	%1,%0	
610	001400	000401	BR	+.4	
611	001402	000000	HALT		;COUNT SHOULD EQUAL 1376
612	001404	060100	ADD	%1,%0	
613	001406	000401	BR	+.4	
614	001410	000000	HALT		;COUNT SHOULD EQUAL 1404
615	001412	060100	ADD	%1,%0	
616	001414	000401	BR	+.4	
617	001416	000000	HALT		;COUNT SHOULD EQUAL 1412
618	001420	060100	ADD	%1,%0	
619	001422	000401	BR	+.4	
620	001424	000000	HALT		;COUNT SHOULD EQUAL 1420
621	001426	060100	ADD	%1,%0	
622	001430	000401	BR	+.4	
623	001432	000000	HALT		;COUNT SHOULD EQUAL 1426
624	001434	060100	ADD	%1,%0	
625	001436	000401	BR	+.4	
626	001440	000000	HALT		;COUNT SHOULD EQUAL 1434
627	001442	060100	ADD	%1,%0	
628	001444	000401	BR	+.4	
629	001446	000000	HALT		;COUNT SHOULD EQUAL 1442
630	001450	060100	ADD	%1,%0	
631	001452	000401	BR	+.4	
632	001454	000000	HALT		;COUNT SHOULD EQUAL 1450
633	001456	060100	ADD	%1,%0	
634	001460	000401	BR	+.4	
635	001462	000000	HALT		;COUNT SHOULD EQUAL 1456
636	001464	060100	ADD	%1,%0	
637	001466	000401	BR	+.4	
638	001470	000000	HALT		;COUNT SHOULD EQUAL 1464
639	001472	060100	ADD	%1,%0	
640	001474	000401	BR	+.4	
641	001476	000000	HALT		;COUNT SHOULD EQUAL 1472
642	001500	060100	ADD	%1,%0	
643	001502	000401	BR	+.4	

644	001504	000000	HALT		;COUNT SHOULD EQUAL 1500
645	001506	060100	ADD	%1,%0	
646	001510	000401	BR	.+4	
647	001512	000000	HALT		;COUNT SHOULD EQUAL 1506
648	001514	060100	ADD	%1,%0	
649	001516	000401	BR	.+4	
650	001520	000000	HALT		;COUNT SHOULD EQUAL 1514
651	001522	060100	ADD	%1,%0	
652	001524	000401	BR	.+4	
653	001526	000000	HALT		;COUNT SHOULD EQUAL 1522
654	001530	060100	ADD	%1,%0	
655	001532	000401	BR	.+4	
656	001534	000000	HALT		;COUNT SHOULD EQUAL 1530
657	001536	060100	ADD	%1,%0	
658	001540	000401	BR	.+4	
659	001542	000000	HALT		;COUNT SHOULD EQUAL 1536
660	001544	060100	ADD	%1,%0	
661	001546	000401	BR	.+4	
662	001550	000000	HALT		;COUNT SHOULD EQUAL 1544
663	001552	060100	ADD	%1,%0	
664	001554	000401	BR	.+4	
665	001556	000000	HALT		;COUNT SHOULD EQUAL 1552
666	001560	060100	ADD	%1,%0	
667	001562	000401	BR	.+4	
668	001564	000000	HALT		;COUNT SHOULD EQUAL 1560
669	001566	060100	ADD	%1,%0	
670	001570	000401	BR	.+4	
671	001572	000000	HALT		;COUNT SHOULD EQUAL 1566
672	001574	060100	ADD	%1,%0	
673	001576	000401	BR	.+4	
674	001600	000000	HALT		;COUNT SHOULD EQUAL 1574
675	001602	060100	ADD	%1,%0	
676	001604	000401	BR	.+4	
677	001606	000000	HALT		;COUNT SHOULD EQUAL 1602
678	001610	060100	ADD	%1,%0	
679	001612	000401	BR	.+4	
680	001614	000000	HALT		;COUNT SHOULD EQUAL 1610
681	001616	060100	ADD	%1,%0	
682	001620	000401	BR	.+4	
683	001622	000000	HALT		;COUNT SHOULD EQUAL 1616
684	001624	060100	ADD	%1,%0	
685	001626	000401	BR	.+4	
686	001630	000000	HALT		;COUNT SHOULD EQUAL 1624
687	001632	060100	ADD	%1,%0	
688	001634	000401	BR	.+4	
689	001636	000000	HALT		;COUNT SHOULD EQUAL 1632
690	001640	060100	ADD	%1,%0	
691	001642	000401	BR	.+4	
692	001644	000000	HALT		;COUNT SHOULD EQUAL 1640
693	001646	060100	ADD	%1,%0	
694	001650	000401	BR	.+4	
695	001652	000000	HALT		;COUNT SHOULD EQUAL 1646
696	001654	060100	ADD	%1,%0	
697	001656	000401	BR	.+4	
698	001660	000000	HALT		;COUNT SHOULD EQUAL 1654
699	001662	060100	ADD	%1,%0	

700	001664	000401	BR	.+4	
701	001666	000000	HALT		;COUNT SHOULD EQUAL 1662
702	001670	060100	ADD	%1,%0	
703	001672	000401	BR	.+4	
704	001674	000000	HALT		;COUNT SHOULD EQUAL 1670
705	001676	060100	ADD	%1,%0	
706	001700	000401	BR	.+4	
707	001702	000000	HALT		;COUNT SHOULD EQUAL 1676
708	001704	060100	ADD	%1,%0	
709	001706	000401	BR	.+4	
710	001710	000000	HALT		;COUNT SHOULD EQUAL 1704
711	001712	060100	ADD	%1,%0	
712	001714	000401	BR	.+4	
713	001716	000000	HALT		;COUNT SHOULD EQUAL 1712
714	001720	060100	ADD	%1,%0	
715	001722	000401	BR	.+4	
716	001724	000000	HALT		;COUNT SHOULD EQUAL 1720
717	001726	060100	ADD	%1,%0	
718	001730	000401	BR	.+4	
719	001732	000000	HALT		;COUNT SHOULD EQUAL 1726
720	001734	060100	ADD	%1,%0	
721	001736	000401	BR	.+4	
722	001740	000000	HALT		;COUNT SHOULD EQUAL 1734
723	001742	060100	ADD	%1,%0	
724	001744	000401	BR	.+4	
725	001746	000000	HALT		;COUNT SHOULD EQUAL 1742
726	001750	060100	ADD	%1,%0	
727	001752	000401	BR	.+4	
728	001754	000000	HALT		;COUNT SHOULD EQUAL 1750
729	001756	060100	ADD	%1,%0	
730	001760	000401	BR	.+4	
731	001762	000000	HALT		;COUNT SHOULD EQUAL 1756
732	001764	060100	ADD	%1,%0	
733	001766	000401	BR	.+4	
734	001770	000000	HALT		;COUNT SHOULD EQUAL 1764
735	001772	060100	ADD	%1,%0	
736	001774	000401	BR	.+4	
737	001776	000000	HALT		;COUNT SHOULD EQUAL 1772
738	002000	060100	ADD	%1,%0	
739	002002	000401	BR	.+4	
740	002004	000000	HALT		;COUNT SHOULD EQUAL 2000
741	002006	060100	ADD	%1,%0	
742	002010	000401	BR	.+4	
743	002012	000000	HALT		;COUNT SHOULD EQUAL 2006
744	002014	060100	ADD	%1,%0	
745	002016	000401	BR	.+4	
746	002020	000000	HALT		;COUNT SHOULD EQUAL 2014
747	002022	060100	ADD	%1,%0	
748	002024	000401	BR	.+4	
749	002026	000000	HALT		;COUNT SHOULD EQUAL 2022
750	002030	060100	ADD	%1,%0	
751	002032	000401	BR	.+4	
752	002034	000000	HALT		;COUNT SHOULD EQUAL 2030
753	002036	060100	ADD	%1,%0	
754	002040	000401	BR	.+4	
755	002042	000000	HALT		;COUNT SHOULD EQUAL 2036

756	002044	060100	ADD	%1,%0	
757	002046	000401	BR	+.4	
758	002050	000000	HALT		;COUNT SHOULD EQUAL 2044
759	002052	060100	ADD	%1,%0	
760	002054	000401	BR	+.4	
761	002056	000000	HALT		;COUNT SHOULD EQUAL 2052
762	002060	060100	ADD	%1,%0	
763	002062	000401	BR	+.4	
764	002064	000000	HALT		;COUNT SHOULD EQUAL 2060
765	002066	060100	ADD	%1,%0	
766	002070	000401	BR	+.4	
767	002072	000000	HALT		;COUNT SHOULD EQUAL 2066
768	002074	060100	ADD	%1,%0	
769	002076	000401	BR	+.4	
770	002100	000000	HALT		;COUNT SHOULD EQUAL 2074
771	002102	060100	ADD	%1,%0	
772	002104	000401	BR	+.4	
773	002106	000000	HALT		;COUNT SHOULD EQUAL 2102
774	002110	060100	ADD	%1,%0	
775	002112	000401	BR	+.4	
776	002114	000000	HALT		;COUNT SHOULD EQUAL 2110
777	002116	060100	ADD	%1,%0	
778	002120	000401	BR	+.4	
779	002122	000000	HALT		;COUNT SHOULD EQUAL 2116
780	002124	060100	ADD	%1,%0	
781	002126	000401	BR	+.4	
782	002130	000000	HALT		;COUNT SHOULD EQUAL 2124
783	002132	060100	ADD	%1,%0	
784	002134	000401	BR	+.4	
785	002136	000000	HALT		;COUNT SHOULD EQUAL 2132
786	002140	060100	ADD	%1,%0	
787	002142	000401	BR	+.4	
788	002144	000000	HALT		;COUNT SHOULD EQUAL 2140
789	002146	060100	ADD	%1,%0	
790	002150	000401	BR	+.4	
791	002152	000000	HALT		;COUNT SHOULD EQUAL 2146
792	002154	060100	ADD	%1,%0	
793	002156	000401	BR	+.4	
794	002160	000000	HALT		;COUNT SHOULD EQUAL 2154
795	002162	060100	ADD	%1,%0	
796	002164	000401	BR	+.4	
797	002166	000000	HALT		;COUNT SHOULD EQUAL 2162
798	002170	060100	ADD	%1,%0	
799	002172	000401	BR	+.4	
800	002174	000000	HALT		;COUNT SHOULD EQUAL 2170
801	002176	060100	ADD	%1,%0	
802	002200	000401	BR	+.4	
803	002202	000000	HALT		;COUNT SHOULD EQUAL 2176
804	002204	060100	ADD	%1,%0	
805	002206	000401	BR	+.4	
806	002210	000000	HALT		;COUNT SHOULD EQUAL 2204
807	002212	060100	ADD	%1,%0	
808	002214	000401	BR	+.4	
809	002216	000000	HALT		;COUNT SHOULD EQUAL 2212
810	002220	060100	ADD	%1,%0	
811	002222	000401	BR	+.4	

812	002224	000000	HALT			;COUNT SHOULD EQUAL 2220
813	002226	060100	ADD	%1,%0		
814	002230	000401	BR	+.4		
815	002232	000000	HALT			;COUNT SHOULD EQUAL 2226
816	002234	060100	ADD	%1,%0		
817	002236	000401	BR	+.4		
818	002240	000000	HALT			;COUNT SHOULD EQUAL 2234
819	002242	060100	ADD	%1,%0		
820	002244	000401	BR	+.4		
821	002246	000000	HALT			;COUNT SHOULD EQUAL 2242
822	002250	060100	ADD	%1,%0		
823	002252	000401	BR	+.4		
824	002254	000000	HALT			;COUNT SHOULD EQUAL 2250
825	002256	060100	ADD	%1,%0		
826	002260	000401	BR	+.4		
827	002262	000000	HALT			;COUNT SHOULD EQUAL 2256
828	002264	060100	ADD	%1,%0		
829	002266	000401	BR	+.4		
830	002270	000000	HALT			;COUNT SHOULD EQUAL 2264
831	002272	060100	ADD	%1,%0		
832	002274	000401	BR	+.4		
833	002276	000000	HALT			;COUNT SHOULD EQUAL 2272
834	002300	060100	ADD	%1,%0		
835	002302	000401	BR	+.4		
836	002304	000000	HALT			;COUNT SHOULD EQUAL 2300
837	002306	060100	ADD	%1,%0		
838	002310	000401	BR	+.4		
839	002312	000000	HALT			;COUNT SHOULD EQUAL 2306
840	002314	060100	ADD	%1,%0		
841	002316	000401	BR	+.4		
842	002320	000000	HALT			;COUNT SHOULD EQUAL 2314
843	002322	060100	ADD	%1,%0		
844	002324	000401	BR	+.4		
845	002326	000000	HALT			;COUNT SHOULD EQUAL 2322
846	002330	060100	ADD	%1,%0		
847	002332	000401	BR	+.4		
848	002334	000000	HALT			;COUNT SHOULD EQUAL 2330
849	002336	060100	ADD	%1,%0		
850	002340	000401	BR	+.4		
851	002342	000000	HALT			;COUNT SHOULD EQUAL 2336
852	002344	060100	ADD	%1,%0		
853	002346	000401	BR	+.4		
854	002350	000000	HALT			;COUNT SHOULD EQUAL 2344
855	002352	060100	ADD	%1,%0		
856	002354	000401	BR	+.4		
857	002356	000000	HALT			;COUNT SHOULD EQUAL 2352
858	002360	060100	ADD	%1,%0		
859	002362	000401	BR	+.4		
860	002364	000000	HALT			;COUNT SHOULD EQUAL 2360
861	002366	060100	ADD	%1,%0		
862	002370	000401	BR	+.4		
863	002372	000000	HALT			;COUNT SHOULD EQUAL 2366
864	002374	060100	ADD	%1,%0		
865	002376	000401	BR	+.4		
866	002400	000000	HALT			;COUNT SHOULD EQUAL 2374
867	002402	060100	ADD	%1,%0		

868	002404	000401	BR	.+4	
869	002406	000000	HALT		;COUNT SHOULD EQUAL 2402
870	002410	060100	ADD	%1,%0	
871	002412	000401	BR	.+4	
872	002414	000000	HALT		;COUNT SHOULD EQUAL 2410
873	002416	060100	ADD	%1,%0	
874	002420	000401	BR	.+4	
875	002422	000000	HALT		;COUNT SHOULD EQUAL 2416
876	002424	060100	ADD	%1,%0	
877	002426	000401	BR	.+4	
878	002430	000000	HALT		;COUNT SHOULD EQUAL 2424
879	002432	060100	ADD	%1,%0	
880	002434	000401	BR	.+4	
881	002436	000000	HALT		;COUNT SHOULD EQUAL 2432
882	002440	060100	ADD	%1,%0	
883	002442	000401	BR	.+4	
884	002444	000000	HALT		;COUNT SHOULD EQUAL 2440
885	002446	060100	ADD	%1,%0	
886	002450	000401	BR	.+4	
887	002452	000000	HALT		;COUNT SHOULD EQUAL 2446
888	002454	060100	ADD	%1,%0	
889	002456	000401	BR	.+4	
890	002460	000000	HALT		;COUNT SHOULD EQUAL 2454
891	002462	060100	ADD	%1,%0	
892	002464	000401	BR	.+4	
893	002466	000000	HALT		;COUNT SHOULD EQUAL 2462
894	002470	060100	ADD	%1,%0	
895	002472	000401	BR	.+4	
896	002474	000000	HALT		;COUNT SHOULD EQUAL 2470
897	002476	060100	ADD	%1,%0	
898	002500	000401	BR	.+4	
899	002502	000000	HALT		;COUNT SHOULD EQUAL 2476
900	002504	060100	ADD	%1,%0	
901	002506	000401	BR	.+4	
902	002510	000000	HALT		;COUNT SHOULD EQUAL 2504
903	002512	060100	ADD	%1,%0	
904	002514	000401	BR	.+4	
905	002516	000000	HALT		;COUNT SHOULD EQUAL 2512
906	002520	060100	ADD	%1,%0	
907	002522	000401	BR	.+4	
908	002524	000000	HALT		;COUNT SHOULD EQUAL 2520
909	002526	060100	ADD	%1,%0	
910	002530	000401	BR	.+4	
911	002532	000000	HALT		;COUNT SHOULD EQUAL 2526
912	002534	060100	ADD	%1,%0	
913	002536	000401	BR	.+4	
914	002540	000000	HALT		;COUNT SHOULD EQUAL 2534
915	002542	060100	ADD	%1,%0	
916	002544	000401	BR	.+4	
917	002546	000000	HALT		;COUNT SHOULD EQUAL 2542
918	002550	060100	ADD	%1,%0	
919	002552	000401	BR	.+4	
920	002554	000000	HALT		;COUNT SHOULD EQUAL 2550
921	002556	060100	ADD	%1,%0	
922	002560	000401	BR	.+4	
923	002562	000000	HALT		;COUNT SHOULD EQUAL 2556

924	002564	060100	ADD	%1,%0	
925	002566	000401	BR	.+4	
926	002570	000000	HALT		;COUNT SHOULD EQUAL 2564
927	002572	060100	ADD	%1,%0	
928	002574	000401	BR	.+4	
929	002576	000000	HALT		;COUNT SHOULD EQUAL 2572
930	002600	060100	ADD	%1,%0	
931	002602	000401	BR	.+4	
932	002604	000000	HALT		;COUNT SHOULD EQUAL 2600
933	002606	060100	ADD	%1,%0	
934	002610	000401	BR	.+4	
935	002612	000000	HALT		;COUNT SHOULD EQUAL 2606
936	002614	060100	ADD	%1,%0	
937	002616	000401	BR	.+4	
938	002620	000000	HALT		;COUNT SHOULD EQUAL 2614
939	002622	060100	ADD	%1,%0	
940	002624	000401	BR	.+4	
941	002626	000000	HALT		;COUNT SHOULD EQUAL 2622
942	002630	060100	ADD	%1,%0	
943	002632	000401	BR	.+4	
944	002634	000000	HALT		;COUNT SHOULD EQUAL 2630
945	002636	060100	ADD	%1,%0	
946	002640	000401	BR	.+4	
947	002642	000000	HALT		;COUNT SHOULD EQUAL 2636
948	002644	060100	ADD	%1,%0	
949	002646	000401	BR	.+4	
950	002650	000000	HALT		;COUNT SHOULD EQUAL 2644
951	002652	060100	ADD	%1,%0	
952	002654	000401	BR	.+4	
953	002656	000000	HALT		;COUNT SHOULD EQUAL 2652
954	002660	060100	ADD	%1,%0	
955	002662	000401	BR	.+4	
956	002664	000000	HALT		;COUNT SHOULD EQUAL 2660
957	002666	060100	ADD	%1,%0	
958	002670	000401	BR	.+4	
959	002672	000000	HALT		;COUNT SHOULD EQUAL 2666
960	002674	060100	ADD	%1,%0	
961	002676	000401	BR	.+4	
962	002700	000000	HALT		;COUNT SHOULD EQUAL 2674
963	002702	060100	ADD	%1,%0	
964	002704	000401	BR	.+4	
965	002706	000000	HALT		;COUNT SHOULD EQUAL 2702
966	002710	060100	ADD	%1,%0	
967	002712	000401	BR	.+4	
968	002714	000000	HALT		;COUNT SHOULD EQUAL 2710
969	002716	060100	ADD	%1,%0	
970	002720	000401	BR	.+4	
971	002722	000000	HALT		;COUNT SHOULD EQUAL 2716
972	002724	060100	ADD	%1,%0	
973	002726	000401	BR	.+4	
974	002730	000000	HALT		;COUNT SHOULD EQUAL 2724
975	002732	060100	ADD	%1,%0	
976	002734	000401	BR	.+4	
977	002736	000000	HALT		;COUNT SHOULD EQUAL 2732
978	002740	060100	ADD	%1,%0	
979	002742	000401	BR	.+4	

980	002744	000000	HALT		;COUNT SHOULD EQUAL 2740
981	002746	060100	ADD	%1,%0	
982	002750	000401	BR	+.4	
983	002752	000000	HALT		;COUNT SHOULD EQUAL 2746
984	002754	060100	ADD	%1,%0	
985	002756	000401	BR	+.4	
986	002760	000000	HALT		;COUNT SHOULD EQUAL 2754
987	002762	060100	ADD	%1,%0	
988	002764	000401	BR	+.4	
989	002766	000000	HALT		;COUNT SHOULD EQUAL 2762
990	002770	060100	ADD	%1,%0	
991	002772	000401	BR	+.4	
992	002774	000000	HALT		;COUNT SHOULD EQUAL 2770
993	002776	060100	ADD	%1,%0	
994	003000	000401	BR	+.4	
995	003002	000000	HALT		;COUNT SHOULD EQUAL 2776
996	003004	060100	ADD	%1,%0	
997	003006	000401	BR	+.4	
998	003010	000000	HALT		;COUNT SHOULD EQUAL 3004
999	003012	060100	ADD	%1,%0	
1000	003014	000401	BR	+.4	
1001	003016	000000	HALT		;COUNT SHOULD EQUAL 3012
1002	003020	060100	ADD	%1,%0	
1003	003022	000401	BR	+.4	
1004	003024	000000	HALT		;COUNT SHOULD EQUAL 3020
1005	003026	060100	ADD	%1,%0	
1006	003030	000401	BR	+.4	
1007	003032	000000	HALT		;COUNT SHOULD EQUAL 3026
1008	003034	060100	ADD	%1,%0	
1009	003036	000401	BR	+.4	
1010	003040	000000	HALT		;COUNT SHOULD EQUAL 3034
1011	003042	060100	ADD	%1,%0	
1012	003044	000401	BR	+.4	
1013	003046	000000	HALT		;COUNT SHOULD EQUAL 3042
1014	003050	060100	ADD	%1,%0	
1015	003052	000401	BR	+.4	
1016	003054	000000	HALT		;COUNT SHOULD EQUAL 3050
1017	003056	060100	ADD	%1,%0	
1018	003060	000401	BR	+.4	
1019	003062	000000	HALT		;COUNT SHOULD EQUAL 3056
1020	003064	060100	ADD	%1,%0	
1021	003066	000401	BR	+.4	
1022	003070	000000	HALT		;COUNT SHOULD EQUAL 3064
1023	003072	060100	ADD	%1,%0	
1024	003074	000401	BR	+.4	
1025	003076	000000	HALT		;COUNT SHOULD EQUAL 3072
1026	003100	060100	ADD	%1,%0	
1027	003102	000401	BR	+.4	
1028	003104	000000	HALT		;COUNT SHOULD EQUAL 3100
1029	003106	060100	ADD	%1,%0	
1030	003110	000401	BR	+.4	
1031	003112	000000	HALT		;COUNT SHOULD EQUAL 3106
1032	003114	060100	ADD	%1,%0	
1033	003116	000401	BR	+.4	
1034	003120	000000	HALT		;COUNT SHOULD EQUAL 3114
1035	003122	060100	ADD	%1,%0	

1036	003124	000401	BR	.+4	
1037	003126	000000	HALT		;COUNT SHOULD EQUAL 3122
1038	003130	060100	ADD	%1,%0	
1039	003132	000401	BR	.+4	
1040	003134	000000	HALT		;COUNT SHOULD EQUAL 3130
1041	003136	060100	ADD	%1,%0	
1042	003140	000401	BR	.+4	
1043	003142	000000	HALT		;COUNT SHOULD EQUAL 3136
1044	003144	060100	ADD	%1,%0	
1045	003146	000401	BR	.+4	
1046	003150	000000	HALT		;COUNT SHOULD EQUAL 3144
1047	003152	060100	ADD	%1,%0	
1048	003154	000401	BR	.+4	
1049	003156	000000	HALT		;COUNT SHOULD EQUAL 3152
1050	003160	060100	ADD	%1,%0	
1051	003162	000401	BR	.+4	
1052	003164	000000	HALT		;COUNT SHOULD EQUAL 3160
1053	003166	060100	ADD	%1,%0	
1054	003170	000401	BR	.+4	
1055	003172	000000	HALT		;COUNT SHOULD EQUAL 3166
1056	003174	060100	ADD	%1,%0	
1057	003176	000401	BR	.+4	
1058	003200	000000	HALT		;COUNT SHOULD EQUAL 3174
1059	003202	060100	ADD	%1,%0	
1060	003204	000401	BR	.+4	
1061	003206	000000	HALT		;COUNT SHOULD EQUAL 3202
1062	003210	060100	ADD	%1,%0	
1063	003212	000401	BR	.+4	
1064	003214	000000	HALT		;COUNT SHOULD EQUAL 3210
1065	003216	060100	ADD	%1,%0	
1066	003220	000401	BR	.+4	
1067	003222	000000	HALT		;COUNT SHOULD EQUAL 3216
1068	003224	060100	ADD	%1,%0	
1069	003226	000401	BR	.+4	
1070	003230	000000	HALT		;COUNT SHOULD EQUAL 3224
1071	003232	060100	ADD	%1,%0	
1072	003234	000401	BR	.+4	
1073	003236	000000	HALT		;COUNT SHOULD EQUAL 3232
1074	003240	060100	ADD	%1,%0	
1075	003242	000401	BR	.+4	
1076	003244	000000	HALT		;COUNT SHOULD EQUAL 3240
1077	003246	060100	ADD	%1,%0	
1078	003250	000401	BR	.+4	
1079	003252	000000	HALT		;COUNT SHOULD EQUAL 3246
1080	003254	060100	ADD	%1,%0	
1081	003256	000401	BR	.+4	
1082	003260	000000	HALT		;COUNT SHOULD EQUAL 3254
1083	003262	060100	ADD	%1,%0	
1084	003264	000401	BR	.+4	
1085	003266	000000	HALT		;COUNT SHOULD EQUAL 3262
1086	003270	060100	ADD	%1,%0	
1087	003272	000401	BR	.+4	
1088	003274	000000	HALT		;COUNT SHOULD EQUAL 3270
1089	003276	060100	ADD	%1,%0	
1090	003300	000401	BR	.+4	
1091	003302	000000	HALT		;COUNT SHOULD EQUAL 3276

1092	003304	060100	ADD	%1,%0	
1093	003306	000401	BR	+.4	
1094	003310	000000	HALT		;COUNT SHOULD EQUAL 3304
1095	003312	060100	ADD	%1,%0	
1096	003314	000401	BR	+.4	
1097	003316	000000	HALT		;COUNT SHOULD EQUAL 3312
1098	003320	060100	ADD	%1,%0	
1099	003322	000401	BR	+.4	
1100	003324	000000	HALT		;COUNT SHOULD EQUAL 3320
1101	003326	060100	ADD	%1,%0	
1102	003330	000401	BR	+.4	
1103	003332	000000	HALT		;COUNT SHOULD EQUAL 3326
1104	003334	060100	ADD	%1,%0	
1105	003336	000401	BR	+.4	
1106	003340	000000	HALT		;COUNT SHOULD EQUAL 3334
1107	003342	060100	ADD	%1,%0	
1108	003344	000401	BR	+.4	
1109	003346	000000	HALT		;COUNT SHOULD EQUAL 3342
1110	003350	060100	ADD	%1,%0	
1111	003352	000401	BR	+.4	
1112	003354	000000	HALT		;COUNT SHOULD EQUAL 3350
1113	003356	060100	ADD	%1,%0	
1114	003360	000401	BR	+.4	
1115	003362	000000	HALT		;COUNT SHOULD EQUAL 3356
1116	003364	060100	ADD	%1,%0	
1117	003366	000401	BR	+.4	
1118	003370	000000	HALT		;COUNT SHOULD EQUAL 3364
1119	003372	060100	ADD	%1,%0	
1120	003374	000401	BR	+.4	
1121	003376	000000	HALT		;COUNT SHOULD EQUAL 3372
1122	003400	060100	ADD	%1,%0	
1123	003402	000401	BR	+.4	
1124	003404	000000	HALT		;COUNT SHOULD EQUAL 3400
1125	003406	060100	ADD	%1,%0	
1126	003410	000401	BR	+.4	
1127	003412	000000	HALT		;COUNT SHOULD EQUAL 3406
1128	003414	060100	ADD	%1,%0	
1129	003416	000401	BR	+.4	
1130	003420	000000	HALT		;COUNT SHOULD EQUAL 3414
1131	003422	060100	ADD	%1,%0	
1132	003424	000401	BR	+.4	
1133	003426	000000	HALT		;COUNT SHOULD EQUAL 3422
1134	003430	060100	ADD	%1,%0	
1135	003432	000401	BR	+.4	
1136	003434	000000	HALT		;COUNT SHOULD EQUAL 3430
1137	003436	060100	ADD	%1,%0	
1138	003440	000401	BR	+.4	
1139	003442	000000	HALT		;COUNT SHOULD EQUAL 3436
1140	003444	060100	ADD	%1,%0	
1141	003446	000401	BR	+.4	
1142	003450	000000	HALT		;COUNT SHOULD EQUAL 3444
1143	003452	060100	ADD	%1,%0	
1144	003454	000401	BR	+.4	
1145	003456	000000	HALT		;COUNT SHOULD EQUAL 3452
1146	003460	060100	ADD	%1,%0	
1147	003462	000401	BR	+.4	

1148	003464	000000	HALT		;COUNT SHOULD EQUAL 3460
1149	003466	060100	ADD	%1,%0	
1150	003470	000401	BR	.+4	
1151	003472	000000	HALT		;COUNT SHOULD EQUAL 3466
1152	003474	060100	ADD	%1,%0	
1153	003476	000401	BR	.+4	
1154	003500	000000	HALT		;COUNT SHOULD EQUAL 3474
1155	003502	060100	ADD	%1,%0	
1156	003504	000401	BR	.+4	
1157	003506	000000	HALT		;COUNT SHOULD EQUAL 3502
1158	003510	060100	ADD	%1,%0	
1159	003512	000401	BR	.+4	
1160	003514	000000	HALT		;COUNT SHOULD EQUAL 3510
1161	003516	060100	ADD	%1,%0	
1162	003520	000401	BR	.+4	
1163	003522	000000	HALT		;COUNT SHOULD EQUAL 3516
1164	003524	060100	ADD	%1,%0	
1165	003526	000401	BR	.+4	
1166	003530	000000	HALT		;COUNT SHOULD EQUAL 3524
1167	003532	060100	ADD	%1,%0	
1168	003534	000401	BR	.+4	
1169	003536	000000	HALT		;COUNT SHOULD EQUAL 3532
1170	003540	060100	ADD	%1,%0	
1171	003542	000401	BR	.+4	
1172	003544	000000	HALT		;COUNT SHOULD EQUAL 3540
1173	003546	060100	ADD	%1,%0	
1174	003550	000401	BR	.+4	
1175	003552	000000	HALT		;COUNT SHOULD EQUAL 3546
1176	003554	060100	ADD	%1,%0	
1177	003556	000401	BR	.+4	
1178	003560	000000	HALT		;COUNT SHOULD EQUAL 3554
1179	003562	060100	ADD	%1,%0	
1180	003564	000401	BR	.+4	
1181	003566	000000	HALT		;COUNT SHOULD EQUAL 3562
1182	003570	060100	ADD	%1,%0	
1183	003572	000401	BR	.+4	
1184	003574	000000	HALT		;COUNT SHOULD EQUAL 3570
1185	003576	060100	ADD	%1,%0	
1186	003600	000401	BR	.+4	
1187	003602	000000	HALT		;COUNT SHOULD EQUAL 3576
1188	003604	060100	ADD	%1,%0	
1189	003606	000401	BR	.+4	
1190	003610	000000	HALT		;COUNT SHOULD EQUAL 3604
1191	003612	060100	ADD	%1,%0	
1192	003614	000401	BR	.+4	
1193	003616	000000	HALT		;COUNT SHOULD EQUAL 3612
1194	003620	060100	ADD	%1,%0	
1195	003622	000401	BR	.+4	
1196	003624	000000	HALT		;COUNT SHOULD EQUAL 3620
1197	003626	060100	ADD	%1,%0	
1198	003630	000401	BR	.+4	
1199	003632	000000	HALT		;COUNT SHOULD EQUAL 3626
1200	003634	060100	ADD	%1,%0	
1201	003636	000401	BR	.+4	
1202	003640	000000	HALT		;COUNT SHOULD EQUAL 3634
1203	003642	060100	ADD	%1,%0	

1204	003644	000401	BR	.+4	
1205	003646	000000	HALT		;COUNT SHOULD EQUAL 3642
1206	003650	060100	ADD	%1,%0	
1207	003652	000401	BR	.+4	
1208	003654	000000	HALT		;COUNT SHOULD EQUAL 3650
1209	003656	060100	ADD	%1,%0	
1210	003660	000401	BR	.+4	
1211	003662	000000	HALT		;COUNT SHOULD EQUAL 3656
1212	003664	060100	ADD	%1,%0	
1213	003666	000401	BR	.+4	
1214	003670	000000	HALT		;COUNT SHOULD EQUAL 3664
1215	003672	060100	ADD	%1,%0	
1216	003674	000401	BR	.+4	
1217	003676	000000	HALT		;COUNT SHOULD EQUAL 3672
1218	003700	060100	ADD	%1,%0	
1219	003702	000401	BR	.+4	
1220	003704	000000	HALT		;COUNT SHOULD EQUAL 3700
1221	003706	060100	ADD	%1,%0	
1222	003710	000401	BR	.+4	
1223	003712	000000	HALT		;COUNT SHOULD EQUAL 3706
1224	003714	060100	ADD	%1,%0	
1225	003716	000401	BR	.+4	
1226	003720	000000	HALT		;COUNT SHOULD EQUAL 3714
1227	003722	060100	ADD	%1,%0	
1228	003724	000401	BR	.+4	
1229	003726	000000	HALT		;COUNT SHOULD EQUAL 3722
1230	003730	060100	ADD	%1,%0	
1231	003732	000401	BR	.+4	
1232	003734	000000	HALT		;COUNT SHOULD EQUAL 3730
1233	003736	060100	ADD	%1,%0	
1234	003740	000401	BR	.+4	
1235	003742	000000	HALT		;COUNT SHOULD EQUAL 3736
1236	003744	060100	ADD	%1,%0	
1237	003746	000401	BR	.+4	
1238	003750	000000	HALT		;COUNT SHOULD EQUAL 3744
1239	003752	060100	ADD	%1,%0	
1240	003754	000401	BR	.+4	
1241	003756	000000	HALT		;COUNT SHOULD EQUAL 3752
1242	003760	060100	ADD	%1,%0	
1243	003762	000401	BR	.+4	
1244	003764	000000	HALT		;COUNT SHOULD EQUAL 3760
1245	003766	060100	ADD	%1,%0	
1246	003770	000401	BR	.+4	
1247	003772	000000	HALT		;COUNT SHOULD EQUAL 3766
1248	003774	060100	ADD	%1,%0	
1249	003776	000401	BR	.+4	
1250	004000	000000	HALT		;COUNT SHOULD EQUAL 3774
1251	004002	060100	ADD	%1,%0	
1252	004004	000401	BR	.+4	
1253	004006	000000	HALT		;COUNT SHOULD EQUAL 4002
1254	004010	060100	ADD	%1,%0	
1255	004012	000401	BR	.+4	
1256	004014	000000	HALT		;COUNT SHOULD EQUAL 4010
1257	004016	060100	ADD	%1,%0	
1258	004020	000401	BR	.+4	
1259	004022	000000	HALT		;COUNT SHOULD EQUAL 4016

1260	004024	060100	ADD	%1,%0	
1261	004026	000401	BR	+.4	
1262	004030	000000	HALT		;COUNT SHOULD EQUAL 4024
1263	004032	060100	ADD	%1,%0	
1264	004034	000401	BR	+.4	
1265	004036	000000	HALT		;COUNT SHOULD EQUAL 4032
1266	004040	060100	ADD	%1,%0	
1267	004042	000401	BR	+.4	
1268	004044	000000	HALT		;COUNT SHOULD EQUAL 4040
1269	004046	060100	ADD	%1,%0	
1270	004050	000401	BR	+.4	
1271	004052	000000	HALT		;COUNT SHOULD EQUAL 4046
1272	004054	060100	ADD	%1,%0	
1273	004056	000401	BR	+.4	
1274	004060	000000	HALT		;COUNT SHOULD EQUAL 4054
1275	004062	060100	ADD	%1,%0	
1276	004064	000401	BR	+.4	
1277	004066	000000	HALT		;COUNT SHOULD EQUAL 4062
1278	004070	060100	ADD	%1,%0	
1279	004072	000401	BR	+.4	
1280	004074	000000	HALT		;COUNT SHOULD EQUAL 4070
1281	004076	060100	ADD	%1,%0	
1282	004100	000401	BR	+.4	
1283	004102	000000	HALT		;COUNT SHOULD EQUAL 4076
1284	004104	060100	ADD	%1,%0	
1285	004106	000401	BR	+.4	
1286	004110	000000	HALT		;COUNT SHOULD EQUAL 4104
1287	004112	060100	ADD	%1,%0	
1288	004114	000401	BR	+.4	
1289	004116	000000	HALT		;COUNT SHOULD EQUAL 4112
1290	004120	060100	ADD	%1,%0	
1291	004122	000401	BR	+.4	
1292	004124	000000	HALT		;COUNT SHOULD EQUAL 4120
1293	004126	060100	ADD	%1,%0	
1294	004130	000401	BR	+.4	
1295	004132	000000	HALT		;COUNT SHOULD EQUAL 4126
1296	004134	060100	ADD	%1,%0	
1297	004136	000401	BR	+.4	
1298	004140	000000	HALT		;COUNT SHOULD EQUAL 4134
1299	004142	060100	ADD	%1,%0	
1300	004144	000401	BR	+.4	
1301	004146	000000	HALT		;COUNT SHOULD EQUAL 4142
1302	004150	060100	ADD	%1,%0	
1303	004152	000401	BR	+.4	
1304	004154	000000	HALT		;COUNT SHOULD EQUAL 4150
1305	004156	060100	ADD	%1,%0	
1306	004160	000401	BR	+.4	
1307	004162	000000	HALT		;COUNT SHOULD EQUAL 4156
1308	004164	060100	ADD	%1,%0	
1309	004166	000401	BR	+.4	
1310	004170	000000	HALT		;COUNT SHOULD EQUAL 4164
1311	004172	060100	ADD	%1,%0	
1312	004174	000401	BR	+.4	
1313	004176	000000	HALT		;COUNT SHOULD EQUAL 4172
1314	004200	060100	ADD	%1,%0	
1315	004202	000401	BR	+.4	

1316	004204	000000	HALT		;COUNT SHOULD EQUAL 4200
1317	004206	060100	ADD	%1,%0	
1318	004210	000401	BR	+.4	
1319	004212	000000	HALT		;COUNT SHOULD EQUAL 4206
1320	004214	060100	ADD	%1,%0	
1321	004216	000401	BR	+.4	
1322	004220	000000	HALT		;COUNT SHOULD EQUAL 4214
1323	004222	060100	ADD	%1,%0	
1324	004224	000401	BR	+.4	
1325	004226	000000	HALT		;COUNT SHOULD EQUAL 4222
1326	004230	060100	ADD	%1,%0	
1327	004232	000401	BR	+.4	
1328	004234	000000	HALT		;COUNT SHOULD EQUAL 4230
1329	004236	060100	ADD	%1,%0	
1330	004240	000401	BR	+.4	
1331	004242	000000	HALT		;COUNT SHOULD EQUAL 4236
1332	004244	060100	ADD	%1,%0	
1333	004246	000401	BR	+.4	
1334	004250	000000	HALT		;COUNT SHOULD EQUAL 4244
1335	004252	060100	ADD	%1,%0	
1336	004254	000401	BR	+.4	
1337	004256	000000	HALT		;COUNT SHOULD EQUAL 4252
1338	004260	060100	ADD	%1,%0	
1339	004262	000401	BR	+.4	
1340	004264	000000	HALT		;COUNT SHOULD EQUAL 4260
1341	004266	060100	ADD	%1,%0	
1342	004270	000401	BR	+.4	
1343	004272	000000	HALT		;COUNT SHOULD EQUAL 4266
1344	004274	060100	ADD	%1,%0	
1345	004276	000401	BR	+.4	
1346	004300	000000	HALT		;COUNT SHOULD EQUAL 4274
1347	004302	060100	ADD	%1,%0	
1348	004304	000401	BR	+.4	
1349	004306	000000	HALT		;COUNT SHOULD EQUAL 4302
1350	004310	060100	ADD	%1,%0	
1351	004312	000401	BR	+.4	
1352	004314	000000	HALT		;COUNT SHOULD EQUAL 4310
1353	004316	060100	ADD	%1,%0	
1354	004320	000401	BR	+.4	
1355	004322	000000	HALT		;COUNT SHOULD EQUAL 4316
1356	004324	060100	ADD	%1,%0	
1357	004326	000401	BR	+.4	
1358	004330	000000	HALT		;COUNT SHOULD EQUAL 4324
1359	004332	060100	ADD	%1,%0	
1360	004334	000401	BR	+.4	
1361	004336	000000	HALT		;COUNT SHOULD EQUAL 4332
1362	004340	060100	ADD	%1,%0	
1363	004342	000401	BR	+.4	
1364	004344	000000	HALT		;COUNT SHOULD EQUAL 4340
1365	004346	060100	ADD	%1,%0	
1366	004350	000401	BR	+.4	
1367	004352	000000	HALT		;COUNT SHOULD EQUAL 4346
1368	004354	060100	ADD	%1,%0	
1369	004356	000401	BR	+.4	
1370	004360	000000	HALT		;COUNT SHOULD EQUAL 4354
1371	004362	060100	ADD	%1,%0	

1372	004364	000401	BR	.+4	
1373	004366	000000	HALT		;COUNT SHOULD EQUAL 4362
1374	004370	060100	ADD	%1,%0	
1375	004372	000401	BR	.+4	
1376	004374	000000	HALT		;COUNT SHOULD EQUAL 4370
1377	004376	060100	ADD	%1,%0	
1378	004400	000401	BR	.+4	
1379	004402	000000	HALT		;COUNT SHOULD EQUAL 4376
1380	004404	060100	ADD	%1,%0	
1381	004406	000401	BR	.+4	
1382	004410	000000	HALT		;COUNT SHOULD EQUAL 4404
1383	004412	060100	ADD	%1,%0	
1384	004414	000401	BR	.+4	
1385	004416	000000	HALT		;COUNT SHOULD EQUAL 4412
1386	004420	060100	ADD	%1,%0	
1387	004422	000401	BR	.+4	
1388	004424	000000	HALT		;COUNT SHOULD EQUAL 4420
1389	004426	060100	ADD	%1,%0	
1390	004430	000401	BR	.+4	
1391	004432	000000	HALT		;COUNT SHOULD EQUAL 4426
1392	004434	060100	ADD	%1,%0	
1393	004436	000401	BR	.+4	
1394	004440	000000	HALT		;COUNT SHOULD EQUAL 4434
1395	004442	060100	ADD	%1,%0	
1396	004444	000401	BR	.+4	
1397	004446	000000	HALT		;COUNT SHOULD EQUAL 4442
1398	004450	060100	ADD	%1,%0	
1399	004452	000401	BR	.+4	
1400	004454	000000	HALT		;COUNT SHOULD EQUAL 4450
1401	004456	060100	ADD	%1,%0	
1402	004460	000401	BR	.+4	
1403	004462	000000	HALT		;COUNT SHOULD EQUAL 4456
1404	004464	060100	ADD	%1,%0	
1405	004466	000401	BR	.+4	
1406	004470	000000	HALT		;COUNT SHOULD EQUAL 4464
1407	004472	060100	ADD	%1,%0	
1408	004474	000401	BR	.+4	
1409	004476	000000	HALT		;COUNT SHOULD EQUAL 4472
1410	004500	060100	ADD	%1,%0	
1411	004502	000401	BR	.+4	
1412	004504	000000	HALT		;COUNT SHOULD EQUAL 4500
1413	004506	060100	ADD	%1,%0	
1414	004510	000401	BR	.+4	
1415	004512	000000	HALT		;COUNT SHOULD EQUAL 4506
1416	004514	060100	ADD	%1,%0	
1417	004516	000401	BR	.+4	
1418	004520	000000	HALT		;COUNT SHOULD EQUAL 4514
1419	004522	060100	ADD	%1,%0	
1420	004524	000401	BR	.+4	
1421	004526	000000	HALT		;COUNT SHOULD EQUAL 4522
1422	004530	060100	ADD	%1,%0	
1423	004532	000401	BR	.+4	
1424	004534	000000	HALT		;COUNT SHOULD EQUAL 4530
1425	004536	060100	ADD	%1,%0	
1426	004540	000401	BR	.+4	
1427	004542	000000	HALT		;COUNT SHOULD EQUAL 4536

1428	004544	060100	ADD	%1,%0	
1429	004546	000401	BR	+.4	
1430	004550	000000	HALT		;COUNT SHOULD EQUAL 4544
1431	004552	060100	ADD	%1,%0	
1432	004554	000401	BR	+.4	
1433	004556	000000	HALT		;COUNT SHOULD EQUAL 4552
1434	004560	060100	ADD	%1,%0	
1435	004562	000401	BR	+.4	
1436	004564	000000	HALT		;COUNT SHOULD EQUAL 4560
1437	004566	060100	ADD	%1,%0	
1438	004570	000401	BR	+.4	
1439	004572	000000	HALT		;COUNT SHOULD EQUAL 4566
1440	004574	060100	ADD	%1,%0	
1441	004576	000401	BR	+.4	
1442	004600	000000	HALT		;COUNT SHOULD EQUAL 4574
1443	004602	060100	ADD	%1,%0	
1444	004604	000401	BR	+.4	
1445	004606	000000	HALT		;COUNT SHOULD EQUAL 4602
1446	004610	060100	ADD	%1,%0	
1447	004612	000401	BR	+.4	
1448	004614	000000	HALT		;COUNT SHOULD EQUAL 4610
1449	004616	060100	ADD	%1,%0	
1450	004620	000401	BR	+.4	
1451	004622	000000	HALT		;COUNT SHOULD EQUAL 4616
1452	004624	060100	ADD	%1,%0	
1453	004626	000401	BR	+.4	
1454	004630	000000	HALT		;COUNT SHOULD EQUAL 4624
1455	004632	060100	ADD	%1,%0	
1456	004634	000401	BR	+.4	
1457	004636	000000	HALT		;COUNT SHOULD EQUAL 4632
1458	004640	060100	ADD	%1,%0	
1459	004642	000401	BR	+.4	
1460	004644	000000	HALT		;COUNT SHOULD EQUAL 4640
1461	004646	060100	ADD	%1,%0	
1462	004650	000401	BR	+.4	
1463	004652	000000	HALT		;COUNT SHOULD EQUAL 4646
1464	004654	060100	ADD	%1,%0	
1465	004656	000401	BR	+.4	
1466	004660	000000	HALT		;COUNT SHOULD EQUAL 4654
1467	004662	060100	ADD	%1,%0	
1468	004664	000401	BR	+.4	
1469	004666	000000	HALT		;COUNT SHOULD EQUAL 4662
1470	004670	060100	ADD	%1,%0	
1471	004672	000401	BR	+.4	
1472	004674	000000	HALT		;COUNT SHOULD EQUAL 4670
1473	004676	060100	ADD	%1,%0	
1474	004700	000401	BR	+.4	
1475	004702	000000	HALT		;COUNT SHOULD EQUAL 4676
1476	004704	060100	ADD	%1,%0	
1477	004706	000401	BR	+.4	
1478	004710	000000	HALT		;COUNT SHOULD EQUAL 4704
1479	004712	060100	ADD	%1,%0	
1480	004714	000401	BR	+.4	
1481	004716	000000	HALT		;COUNT SHOULD EQUAL 4712
1482	004720	060100	ADD	%1,%0	
1483	004722	000401	BR	+.4	

1484	004724	000000	HALT		;COUNT SHOULD EQUAL 4720
1485	004726	060100	ADD	%1,%0	
1486	004730	000401	BR	+.4	
1487	004732	000000	HALT		;COUNT SHOULD EQUAL 4726
1488	004734	060100	ADD	%1,%0	
1489	004736	000401	BR	+.4	
1490	004740	000000	HALT		;COUNT SHOULD EQUAL 4734
1491	004742	060100	ADD	%1,%0	
1492	004744	000401	BR	+.4	
1493	004746	000000	HALT		;COUNT SHOULD EQUAL 4742
1494	004750	060100	ADD	%1,%0	
1495	004752	000401	BR	+.4	
1496	004754	000000	HALT		;COUNT SHOULD EQUAL 4750
1497	004756	060100	ADD	%1,%0	
1498	004760	000401	BR	+.4	
1499	004762	000000	HALT		;COUNT SHOULD EQUAL 4756
1500	004764	060100	ADD	%1,%0	
1501	004766	000401	BR	+.4	
1502	004770	000000	HALT		;COUNT SHOULD EQUAL 4764
1503	004772	060100	ADD	%1,%0	
1504	004774	000401	BR	+.4	
1505	004776	000000	HALT		;COUNT SHOULD EQUAL 4772
1506	005000	060100	ADD	%1,%0	
1507	005002	000401	BR	+.4	
1508	005004	000000	HALT		;COUNT SHOULD EQUAL 5000
1509	005006	060100	ADD	%1,%0	
1510	005010	000401	BR	+.4	
1511	005012	000000	HALT		;COUNT SHOULD EQUAL 5006
1512	005014	060100	ADD	%1,%0	
1513	005016	000401	BR	+.4	
1514	005020	000000	HALT		;COUNT SHOULD EQUAL 5014
1515	005022	060100	ADD	%1,%0	
1516	005024	000401	BR	+.4	
1517	005026	000000	HALT		;COUNT SHOULD EQUAL 5022
1518	005030	060100	ADD	%1,%0	
1519	005032	000401	BR	+.4	
1520	005034	000000	HALT		;COUNT SHOULD EQUAL 5030
1521	005036	060100	ADD	%1,%0	
1522	005040	000401	BR	+.4	
1523	005042	000000	HALT		;COUNT SHOULD EQUAL 5036
1524	005044	060100	ADD	%1,%0	
1525	005046	000401	BR	+.4	
1526	005050	000000	HALT		;COUNT SHOULD EQUAL 5044
1527	005052	060100	ADD	%1,%0	
1528	005054	000401	BR	+.4	
1529	005056	000000	HALT		;COUNT SHOULD EQUAL 5052
1530	005060	060100	ADD	%1,%0	
1531	005062	000401	BR	+.4	
1532	005064	000000	HALT		;COUNT SHOULD EQUAL 5060
1533	005066	060100	ADD	%1,%0	
1534	005070	000401	BR	+.4	
1535	005072	000000	HALT		;COUNT SHOULD EQUAL 5066
1536	005074	060100	ADD	%1,%0	
1537	005076	000401	BR	+.4	
1538	005100	000000	HALT		;COUNT SHOULD EQUAL 5074
1539	005102	060100	ADD	%1,%0	

1540	005104	000401	BR	.+4	
1541	005106	000000	HALT		;COUNT SHOULD EQUAL 5102
1542	005110	060100	ADD	%1,%0	
1543	005112	000401	BR	.+4	
1544	005114	000000	HALT		;COUNT SHOULD EQUAL 5110
1545	005116	060100	ADD	%1,%0	
1546	005120	000401	BR	.+4	
1547	005122	000000	HALT		;COUNT SHOULD EQUAL 5116
1548	005124	060100	ADD	%1,%0	
1549	005126	000401	BR	.+4	
1550	005130	000000	HALT		;COUNT SHOULD EQUAL 5124
1551	005132	060100	ADD	%1,%0	
1552	005134	000401	BR	.+4	
1553	005136	000000	HALT		;COUNT SHOULD EQUAL 5132
1554	005140	060100	ADD	%1,%0	
1555	005142	000401	BR	.+4	
1556	005144	000000	HALT		;COUNT SHOULD EQUAL 5140
1557	005146	060100	ADD	%1,%0	
1558	005150	000401	BR	.+4	
1559	005152	000000	HALT		;COUNT SHOULD EQUAL 5146
1560	005154	060100	ADD	%1,%0	
1561	005156	000401	BR	.+4	
1562	005160	000000	HALT		;COUNT SHOULD EQUAL 5154
1563	005162	060100	ADD	%1,%0	
1564	005164	000401	BR	.+4	
1565	005166	000000	HALT		;COUNT SHOULD EQUAL 5162
1566	005170	060100	ADD	%1,%0	
1567	005172	000401	BR	.+4	
1568	005174	000000	HALT		;COUNT SHOULD EQUAL 5170
1569	005176	060100	ADD	%1,%0	
1570	005200	000401	BR	.+4	
1571	005202	000000	HALT		;COUNT SHOULD EQUAL 5176
1572	005204	060100	ADD	%1,%0	
1573	005206	000401	BR	.+4	
1574	005210	000000	HALT		;COUNT SHOULD EQUAL 5204
1575	005212	060100	ADD	%1,%0	
1576	005214	000401	BR	.+4	
1577	005216	000000	HALT		;COUNT SHOULD EQUAL 5212
1578	005220	060100	ADD	%1,%0	
1579	005222	000401	BR	.+4	
1580	005224	000000	HALT		;COUNT SHOULD EQUAL 5220
1581	005226	060100	ADD	%1,%0	
1582	005230	000401	BR	.+4	
1583	005232	000000	HALT		;COUNT SHOULD EQUAL 5226
1584	005234	060100	ADD	%1,%0	
1585	005236	000401	BR	.+4	
1586	005240	000000	HALT		;COUNT SHOULD EQUAL 5234
1587	005242	060100	ADD	%1,%0	
1588	005244	000401	BR	.+4	
1589	005246	000000	HALT		;COUNT SHOULD EQUAL 5242
1590	005250	060100	ADD	%1,%0	
1591	005252	000401	BR	.+4	
1592	005254	000000	HALT		;COUNT SHOULD EQUAL 5250
1593	005256	060100	ADD	%1,%0	
1594	005260	000401	BR	.+4	
1595	005262	000000	HALT		;COUNT SHOULD EQUAL 5256

1596	005264	060100	ADD	%1,%0	
1597	005266	000401	BR	+.4	
1598	005270	000000	HALT		;COUNT SHOULD EQUAL 5264
1599	005272	060100	ADD	%1,%0	
1600	005274	000401	BR	+.4	
1601	005276	000000	HALT		;COUNT SHOULD EQUAL 5272
1602	005300	060100	ADD	%1,%0	
1603	005302	000401	BR	+.4	
1604	005304	000000	HALT		;COUNT SHOULD EQUAL 5300
1605	005306	060100	ADD	%1,%0	
1606	005310	000401	BR	+.4	
1607	005312	000000	HALT		;COUNT SHOULD EQUAL 5306
1608	005314	060100	ADD	%1,%0	
1609	005316	000401	BR	+.4	
1610	005320	000000	HALT		;COUNT SHOULD EQUAL 5314
1611	005322	060100	ADD	%1,%0	
1612	005324	000401	BR	+.4	
1613	005326	000000	HALT		;COUNT SHOULD EQUAL 5322
1614	005330	060100	ADD	%1,%0	
1615	005332	000401	BR	+.4	
1616	005334	000000	HALT		;COUNT SHOULD EQUAL 5330
1617	005336	060100	ADD	%1,%0	
1618	005340	000401	BR	+.4	
1619	005342	000000	HALT		;COUNT SHOULD EQUAL 5336
1620	005344	060100	ADD	%1,%0	
1621	005346	000401	BR	+.4	
1622	005350	000000	HALT		;COUNT SHOULD EQUAL 5344
1623	005352	060100	ADD	%1,%0	
1624	005354	000401	BR	+.4	
1625	005356	000000	HALT		;COUNT SHOULD EQUAL 5352
1626	005360	060100	ADD	%1,%0	
1627	005362	000401	BR	+.4	
1628	005364	000000	HALT		;COUNT SHOULD EQUAL 5360
1629	005366	060100	ADD	%1,%0	
1630	005370	000401	BR	+.4	
1631	005372	000000	HALT		;COUNT SHOULD EQUAL 5366
1632	005374	060100	ADD	%1,%0	
1633	005376	000401	BR	+.4	
1634	005400	000000	HALT		;COUNT SHOULD EQUAL 5374
1635	005402	060100	ADD	%1,%0	
1636	005404	000401	BR	+.4	
1637	005406	000000	HALT		;COUNT SHOULD EQUAL 5402
1638	005410	060100	ADD	%1,%0	
1639	005412	000401	BR	+.4	
1640	005414	000000	HALT		;COUNT SHOULD EQUAL 5410
1641	005416	060100	ADD	%1,%0	
1642	005420	000401	BR	+.4	
1643	005422	000000	HALT		;COUNT SHOULD EQUAL 5416
1644	005424	060100	ADD	%1,%0	
1645	005426	000401	BR	+.4	
1646	005430	000000	HALT		;COUNT SHOULD EQUAL 5424
1647	005432	060100	ADD	%1,%0	
1648	005434	000401	BR	+.4	
1649	005436	000000	HALT		;COUNT SHOULD EQUAL 5432
1650	005440	060100	ADD	%1,%0	
1651	005442	000401	BR	+.4	

1652	005444	000000	HALT		;COUNT SHOULD EQUAL 5440
1653	005446	060100	ADD	%1,%0	
1654	005450	000401	BR	+.4	
1655	005452	000000	HALT		;COUNT SHOULD EQUAL 5446
1656	005454	060100	ADD	%1,%0	
1657	005456	000401	BR	+.4	
1658	005460	000000	HALT		;COUNT SHOULD EQUAL 5454
1659	005462	060100	ADD	%1,%0	
1660	005464	000401	BR	+.4	
1661	005466	000000	HALT		;COUNT SHOULD EQUAL 5462
1662	005470	060100	ADD	%1,%0	
1663	005472	000401	BR	+.4	
1664	005474	000000	HALT		;COUNT SHOULD EQUAL 5470
1665	005476	060100	ADD	%1,%0	
1666	005500	000401	BR	+.4	
1667	005502	000000	HALT		;COUNT SHOULD EQUAL 5476
1668	005504	060100	ADD	%1,%0	
1669	005506	000401	BR	+.4	
1670	005510	000000	HALT		;COUNT SHOULD EQUAL 5504
1671	005512	060100	ADD	%1,%0	
1672	005514	000401	BR	+.4	
1673	005516	000000	HALT		;COUNT SHOULD EQUAL 5512
1674	005520	060100	ADD	%1,%0	
1675	005522	000401	BR	+.4	
1676	005524	000000	HALT		;COUNT SHOULD EQUAL 5520
1677	005526	060100	ADD	%1,%0	
1678	005530	000401	BR	+.4	
1679	005532	000000	HALT		;COUNT SHOULD EQUAL 5526
1680	005534	060100	ADD	%1,%0	
1681	005536	000401	BR	+.4	
1682	005540	000000	HALT		;COUNT SHOULD EQUAL 5534
1683	005542	060100	ADD	%1,%0	
1684	005544	000401	BR	+.4	
1685	005546	000000	HALT		;COUNT SHOULD EQUAL 5542
1686	005550	060100	ADD	%1,%0	
1687	005552	000401	BR	+.4	
1688	005554	000000	HALT		;COUNT SHOULD EQUAL 5550
1689	005556	060100	ADD	%1,%0	
1690	005560	000401	BR	+.4	
1691	005562	000000	HALT		;COUNT SHOULD EQUAL 5556
1692	005564	060100	ADD	%1,%0	
1693	005566	000401	BR	+.4	
1694	005570	000000	HALT		;COUNT SHOULD EQUAL 5564
1695	005572	060100	ADD	%1,%0	
1696	005574	000401	BR	+.4	
1697	005576	000000	HALT		;COUNT SHOULD EQUAL 5572
1698	005600	060100	ADD	%1,%0	
1699	005602	000401	BR	+.4	
1700	005604	000000	HALT		;COUNT SHOULD EQUAL 5600
1701	005606	060100	ADD	%1,%0	
1702	005610	000401	BR	+.4	
1703	005612	000000	HALT		;COUNT SHOULD EQUAL 5606
1704	005614	060100	ADD	%1,%0	
1705	005616	000401	BR	+.4	
1706	005620	000000	HALT		;COUNT SHOULD EQUAL 5614
1707	005622	060100	ADD	%1,%0	

1708	005624	000401	BR	.+4	
1709	005626	000000	HALT		;COUNT SHOULD EQUAL 5622
1710	005630	060100	ADD	%1,%0	
1711	005632	000401	BR	.+4	
1712	005634	000000	HALT		;COUNT SHOULD EQUAL 5630
1713	005636	060100	ADD	%1,%0	
1714	005640	000401	BR	.+4	
1715	005642	000000	HALT		;COUNT SHOULD EQUAL 5636
1716	005644	060100	ADD	%1,%0	
1717	005646	000401	BR	.+4	
1718	005650	000000	HALT		;COUNT SHOULD EQUAL 5644
1719	005652	060100	ADD	%1,%0	
1720	005654	000401	BR	.+4	
1721	005656	000000	HALT		;COUNT SHOULD EQUAL 5652
1722	005660	060100	ADD	%1,%0	
1723	005662	000401	BR	.+4	
1724	005664	000000	HALT		;COUNT SHOULD EQUAL 5660
1725	005666	060100	ADD	%1,%0	
1726	005670	000401	BR	.+4	
1727	005672	000000	HALT		;COUNT SHOULD EQUAL 5666
1728	005674	060100	ADD	%1,%0	
1729	005676	000401	BR	.+4	
1730	005700	000000	HALT		;COUNT SHOULD EQUAL 5674
1731	005702	060100	ADD	%1,%0	
1732	005704	000401	BR	.+4	
1733	005706	000000	HALT		;COUNT SHOULD EQUAL 5702
1734	005710	060100	ADD	%1,%0	
1735	005712	000401	BR	.+4	
1736	005714	000000	HALT		;COUNT SHOULD EQUAL 5710
1737	005716	060100	ADD	%1,%0	
1738	005720	000401	BR	.+4	
1739	005722	000000	HALT		;COUNT SHOULD EQUAL 5716
1740	005724	060100	ADD	%1,%0	
1741	005726	000401	BR	.+4	
1742	005730	000000	HALT		;COUNT SHOULD EQUAL 5724
1743	005732	060100	ADD	%1,%0	
1744	005734	000401	BR	.+4	
1745	005736	000000	HALT		;COUNT SHOULD EQUAL 5732
1746	005740	060100	ADD	%1,%0	
1747	005742	000401	BR	.+4	
1748	005744	000000	HALT		;COUNT SHOULD EQUAL 5740
1749	005746	060100	ADD	%1,%0	
1750	005750	000401	BR	.+4	
1751	005752	000000	HALT		;COUNT SHOULD EQUAL 5746
1752	005754	060100	ADD	%1,%0	
1753	005756	000401	BR	.+4	
1754	005760	000000	HALT		;COUNT SHOULD EQUAL 5754
1755	005762	060100	ADD	%1,%0	
1756	005764	000401	BR	.+4	
1757	005766	000000	HALT		;COUNT SHOULD EQUAL 5762
1758	005770	060100	ADD	%1,%0	
1759	005772	000401	BR	.+4	
1760	005774	000000	HALT		;COUNT SHOULD EQUAL 5770
1761	005776	060100	ADD	%1,%0	
1762	006000	000401	BR	.+4	
1763	006002	000000	HALT		;COUNT SHOULD EQUAL 5776

1764	006004	060100	ADD	%1,%0	
1765	006006	000401	BR	+.4	
1766	006010	000000	HALT		;COUNT SHOULD EQUAL 6004
1767	006012	060100	ADD	%1,%0	
1768	006014	000401	BR	+.4	
1769	006016	000000	HALT		;COUNT SHOULD EQUAL 6012
1770	006020	060100	ADD	%1,%0	
1771	006022	000401	BR	+.4	
1772	006024	000000	HALT		;COUNT SHOULD EQUAL 6020
1773	006026	060100	ADD	%1,%0	
1774	006030	000401	BR	+.4	
1775	006032	000000	HALT		;COUNT SHOULD EQUAL 6026
1776	006034	060100	ADD	%1,%0	
1777	006036	000401	BR	+.4	
1778	006040	000000	HALT		;COUNT SHOULD EQUAL 6034
1779	006042	060100	ADD	%1,%0	
1780	006044	000401	BR	+.4	
1781	006046	000000	HALT		;COUNT SHOULD EQUAL 6042
1782	006050	060100	ADD	%1,%0	
1783	006052	000401	BR	+.4	
1784	006054	000000	HALT		;COUNT SHOULD EQUAL 6050
1785	006056	060100	ADD	%1,%0	
1786	006060	000401	BR	+.4	
1787	006062	000000	HALT		;COUNT SHOULD EQUAL 6056
1788	006064	060100	ADD	%1,%0	
1789	006066	000401	BR	+.4	
1790	006070	000000	HALT		;COUNT SHOULD EQUAL 6064
1791	006072	060100	ADD	%1,%0	
1792	006074	000401	BR	+.4	
1793	006076	000000	HALT		;COUNT SHOULD EQUAL 6072
1794	006100	060100	ADD	%1,%0	
1795	006102	000401	BR	+.4	
1796	006104	000000	HALT		;COUNT SHOULD EQUAL 6100
1797	006106	060100	ADD	%1,%0	
1798	006110	000401	BR	+.4	
1799	006112	000000	HALT		;COUNT SHOULD EQUAL 6106
1800	006114	060100	ADD	%1,%0	
1801	006116	000401	BR	+.4	
1802	006120	000000	HALT		;COUNT SHOULD EQUAL 6114
1803	006122	060100	ADD	%1,%0	
1804	006124	000401	BR	+.4	
1805	006126	000000	HALT		;COUNT SHOULD EQUAL 6122
1806	006130	060100	ADD	%1,%0	
1807	006132	000401	BR	+.4	
1808	006134	000000	HALT		;COUNT SHOULD EQUAL 6130
1809	006136	060100	ADD	%1,%0	
1810	006140	000401	BR	+.4	
1811	006142	000000	HALT		;COUNT SHOULD EQUAL 6136
1812	006144	060100	ADD	%1,%0	
1813	006146	000401	BR	+.4	
1814	006150	000000	HALT		;COUNT SHOULD EQUAL 6144
1815	006152	060100	ADD	%1,%0	
1816	006154	000401	BR	+.4	
1817	006156	000000	HALT		;COUNT SHOULD EQUAL 6152
1818	006160	060100	ADD	%1,%0	
1819	006162	000401	BR	+.4	

1820	006164	000000	HALT		;COUNT SHOULD EQUAL 6160
1821	006166	060100	ADD	%1,%0	
1822	006170	000401	BR	+.4	
1823	006172	000000	HALT		;COUNT SHOULD EQUAL 6166
1824	006174	060100	ADD	%1,%0	
1825	006176	000401	BR	+.4	
1826	006200	000000	HALT		;COUNT SHOULD EQUAL 6174
1827	006202	060100	ADD	%1,%0	
1828	006204	000401	BR	+.4	
1829	006206	000000	HALT		;COUNT SHOULD EQUAL 6202
1830	006210	060100	ADD	%1,%0	
1831	006212	000401	BR	+.4	
1832	006214	000000	HALT		;COUNT SHOULD EQUAL 6210
1833	006216	060100	ADD	%1,%0	
1834	006220	000401	BR	+.4	
1835	006222	000000	HALT		;COUNT SHOULD EQUAL 6216
1836	006224	060100	ADD	%1,%0	
1837	006226	000401	BR	+.4	
1838	006230	000000	HALT		;COUNT SHOULD EQUAL 6224
1839	006232	060100	ADD	%1,%0	
1840	006234	000401	BR	+.4	
1841	006236	000000	HALT		;COUNT SHOULD EQUAL 6232
1842	006240	060100	ADD	%1,%0	
1843	006242	000401	BR	+.4	
1844	006244	000000	HALT		;COUNT SHOULD EQUAL 6240
1845	006246	060100	ADD	%1,%0	
1846	006250	000401	BR	+.4	
1847	006252	000000	HALT		;COUNT SHOULD EQUAL 6246
1848	006254	060100	ADD	%1,%0	
1849	006256	000401	BR	+.4	
1850	006260	000000	HALT		;COUNT SHOULD EQUAL 6254
1851	006262	060100	ADD	%1,%0	
1852	006264	000401	BR	+.4	
1853	006266	000000	HALT		;COUNT SHOULD EQUAL 6262
1854	006270	060100	ADD	%1,%0	
1855	006272	000401	BR	+.4	
1856	006274	000000	HALT		;COUNT SHOULD EQUAL 6270
1857	006276	060100	ADD	%1,%0	
1858	006300	000401	BR	+.4	
1859	006302	000000	HALT		;COUNT SHOULD EQUAL 6276
1860	006304	060100	ADD	%1,%0	
1861	006306	000401	BR	+.4	
1862	006310	000000	HALT		;COUNT SHOULD EQUAL 6304
1863	006312	060100	ADD	%1,%0	
1864	006314	000401	BR	+.4	
1865	006316	000000	HALT		;COUNT SHOULD EQUAL 6312
1866	006320	060100	ADD	%1,%0	
1867	006322	000401	BR	+.4	
1868	006324	000000	HALT		;COUNT SHOULD EQUAL 6320
1869	006326	060100	ADD	%1,%0	
1870	006330	000401	BR	+.4	
1871	006332	000000	HALT		;COUNT SHOULD EQUAL 6326
1872	006334	060100	ADD	%1,%0	
1873	006336	000401	BR	+.4	
1874	006340	000000	HALT		;COUNT SHOULD EQUAL 6334
1875	006342	060100	ADD	%1,%0	

1876	006344	000401	BR	.+4	
1877	006346	000000	HALT		;COUNT SHOULD EQUAL 6342
1878	006350	060100	ADD	%1,%0	
1879	006352	000401	BR	.+4	
1880	006354	000000	HALT		;COUNT SHOULD EQUAL 6350
1881	006356	060100	ADD	%1,%0	
1882	006360	000401	BR	.+4	
1883	006362	000000	HALT		;COUNT SHOULD EQUAL 6356
1884	006364	060100	ADD	%1,%0	
1885	006366	000401	BR	.+4	
1886	006370	000000	HALT		;COUNT SHOULD EQUAL 6364
1887	006372	060100	ADD	%1,%0	
1888	006374	000401	BR	.+4	
1889	006376	000000	HALT		;COUNT SHOULD EQUAL 6372
1890	006400	060100	ADD	%1,%0	
1891	006402	000401	BR	.+4	
1892	006404	000000	HALT		;COUNT SHOULD EQUAL 6400
1893	006406	060100	ADD	%1,%0	
1894	006410	000401	BR	.+4	
1895	006412	000000	HALT		;COUNT SHOULD EQUAL 6406
1896	006414	060100	ADD	%1,%0	
1897	006416	000401	BR	.+4	
1898	006420	000000	HALT		;COUNT SHOULD EQUAL 6414
1899	006422	060100	ADD	%1,%0	
1900	006424	000401	BR	.+4	
1901	006426	000000	HALT		;COUNT SHOULD EQUAL 6422
1902	006430	060100	ADD	%1,%0	
1903	006432	000401	BR	.+4	
1904	006434	000000	HALT		;COUNT SHOULD EQUAL 6430
1905	006436	060100	ADD	%1,%0	
1906	006440	000401	BR	.+4	
1907	006442	000000	HALT		;COUNT SHOULD EQUAL 6436
1908	006444	060100	ADD	%1,%0	
1909	006446	000401	BR	.+4	
1910	006450	000000	HALT		;COUNT SHOULD EQUAL 6444
1911	006452	060100	ADD	%1,%0	
1912	006454	000401	BR	.+4	
1913	006456	000000	HALT		;COUNT SHOULD EQUAL 6452
1914	006460	060100	ADD	%1,%0	
1915	006462	000401	BR	.+4	
1916	006464	000000	HALT		;COUNT SHOULD EQUAL 6460
1917	006466	060100	ADD	%1,%0	
1918	006470	000401	BR	.+4	
1919	006472	000000	HALT		;COUNT SHOULD EQUAL 6466
1920	006474	060100	ADD	%1,%0	
1921	006476	000401	BR	.+4	
1922	006500	000000	HALT		;COUNT SHOULD EQUAL 6474
1923	006502	060100	ADD	%1,%0	
1924	006504	000401	BR	.+4	
1925	006506	000000	HALT		;COUNT SHOULD EQUAL 6502
1926	006510	060100	ADD	%1,%0	
1927	006512	000401	BR	.+4	
1928	006514	000000	HALT		;COUNT SHOULD EQUAL 6510
1929	006516	060100	ADD	%1,%0	
1930	006520	000401	BR	.+4	
1931	006522	000000	HALT		;COUNT SHOULD EQUAL 6516

1932	006524	060100	ADD	%1,%0	
1933	006526	000401	BR	+.4	
1934	006530	000000	HALT		;COUNT SHOULD EQUAL 6524
1935	006532	060100	ADD	%1,%0	
1936	006534	000401	BR	+.4	
1937	006536	000000	HALT		;COUNT SHOULD EQUAL 6532
1938	006540	060100	ADD	%1,%0	
1939	006542	000401	BR	+.4	
1940	006544	000000	HALT		;COUNT SHOULD EQUAL 6540
1941	006546	060100	ADD	%1,%0	
1942	006550	000401	BR	+.4	
1943	006552	000000	HALT		;COUNT SHOULD EQUAL 6546
1944	006554	060100	ADD	%1,%0	
1945	006556	000401	BR	+.4	
1946	006560	000000	HALT		;COUNT SHOULD EQUAL 6554
1947	006562	060100	ADD	%1,%0	
1948	006564	000401	BR	+.4	
1949	006566	000000	HALT		;COUNT SHOULD EQUAL 6562
1950	006570	060100	ADD	%1,%0	
1951	006572	000401	BR	+.4	
1952	006574	000000	HALT		;COUNT SHOULD EQUAL 6570
1953	006576	060100	ADD	%1,%0	
1954	006600	000401	BR	+.4	
1955	006602	000000	HALT		;COUNT SHOULD EQUAL 6576
1956	006604	060100	ADD	%1,%0	
1957	006606	000401	BR	+.4	
1958	006610	000000	HALT		;COUNT SHOULD EQUAL 6604
1959	006612	060100	ADD	%1,%0	
1960	006614	000401	BR	+.4	
1961	006616	000000	HALT		;COUNT SHOULD EQUAL 6612
1962	006620	060100	ADD	%1,%0	
1963	006622	000401	BR	+.4	
1964	006624	000000	HALT		;COUNT SHOULD EQUAL 6620
1965	006626	060100	ADD	%1,%0	
1966	006630	000401	BR	+.4	
1967	006632	000000	HALT		;COUNT SHOULD EQUAL 6626
1968	006634	060100	ADD	%1,%0	
1969	006636	000401	BR	+.4	
1970	006640	000000	HALT		;COUNT SHOULD EQUAL 6634
1971	006642	060100	ADD	%1,%0	
1972	006644	000401	BR	+.4	
1973	006646	000000	HALT		;COUNT SHOULD EQUAL 6642
1974	006650	060100	ADD	%1,%0	
1975	006652	000401	BR	+.4	
1976	006654	000000	HALT		;COUNT SHOULD EQUAL 6650
1977	006656	060100	ADD	%1,%0	
1978	006660	000401	BR	+.4	
1979	006662	000000	HALT		;COUNT SHOULD EQUAL 6656
1980	006664	060100	ADD	%1,%0	
1981	006666	000401	BR	+.4	
1982	006670	000000	HALT		;COUNT SHOULD EQUAL 6664
1983	006672	060100	ADD	%1,%0	
1984	006674	000401	BR	+.4	
1985	006676	000000	HALT		;COUNT SHOULD EQUAL 6672
1986	006700	060100	ADD	%1,%0	
1987	006702	000401	BR	+.4	

1988	006704	000000	HALT		;COUNT SHOULD EQUAL 6700
1989	006706	060100	ADD	%1,%0	
1990	006710	000401	BR	.+4	
1991	006712	000000	HALT		;COUNT SHOULD EQUAL 6706
1992	006714	060100	ADD	%1,%0	
1993	006716	000401	BR	.+4	
1994	006720	000000	HALT		;COUNT SHOULD EQUAL 6714
1995	006722	060100	ADD	%1,%0	
1996	006724	000401	BR	.+4	
1997	006726	000000	HALT		;COUNT SHOULD EQUAL 6722
1998	006730	060100	ADD	%1,%0	
1999	006732	000401	BR	.+4	
2000	006734	000000	HALT		;COUNT SHOULD EQUAL 6730
2001	006736	060100	ADD	%1,%0	
2002	006740	000401	BR	.+4	
2003	006742	000000	HALT		;COUNT SHOULD EQUAL 6736
2004	006744	060100	ADD	%1,%0	
2005	006746	000401	BR	.+4	
2006	006750	000000	HALT		;COUNT SHOULD EQUAL 6744
2007	006752	060100	ADD	%1,%0	
2008	006754	000401	BR	.+4	
2009	006756	000000	HALT		;COUNT SHOULD EQUAL 6752
2010	006760	060100	ADD	%1,%0	
2011	006762	000401	BR	.+4	
2012	006764	000000	HALT		;COUNT SHOULD EQUAL 6760
2013	006766	060100	ADD	%1,%0	
2014	006770	000401	BR	.+4	
2015	006772	000000	HALT		;COUNT SHOULD EQUAL 6766
2016	006774	060100	ADD	%1,%0	
2017	006776	000401	BR	.+4	
2018	007000	000000	HALT		;COUNT SHOULD EQUAL 6774
2019	007002	060100	ADD	%1,%0	
2020	007004	000401	BR	.+4	
2021	007006	000000	HALT		;COUNT SHOULD EQUAL 7002
2022	007010	060100	ADD	%1,%0	
2023	007012	000401	BR	.+4	
2024	007014	000000	HALT		;COUNT SHOULD EQUAL 7010
2025	007016	060100	ADD	%1,%0	
2026	007020	000401	BR	.+4	
2027	007022	000000	HALT		;COUNT SHOULD EQUAL 7016
2028	007024	060100	ADD	%1,%0	
2029	007026	000401	BR	.+4	
2030	007030	000000	HALT		;COUNT SHOULD EQUAL 7024
2031	007032	060100	ADD	%1,%0	
2032	007034	000401	BR	.+4	
2033	007036	000000	HALT		;COUNT SHOULD EQUAL 7032
2034	007040	060100	ADD	%1,%0	
2035	007042	000401	BR	.+4	
2036	007044	000000	HALT		;COUNT SHOULD EQUAL 7040
2037	007046	060100	ADD	%1,%0	
2038	007050	000401	BR	.+4	
2039	007052	000000	HALT		;COUNT SHOULD EQUAL 7046
2040	007054	060100	ADD	%1,%0	
2041	007056	000401	BR	.+4	
2042	007060	000000	HALT		;COUNT SHOULD EQUAL 7054
2043	007062	060100	ADD	%1,%0	

2044	007064	000401	BR	.+4	
2045	007066	000000	HALT		;COUNT SHOULD EQUAL 7062
2046	007070	060100	ADD	%1,%0	
2047	007072	000401	BR	.+4	
2048	007074	000000	HALT		;COUNT SHOULD EQUAL 7070
2049	007076	060100	ADD	%1,%0	
2050	007100	000401	BR	.+4	
2051	007102	000000	HALT		;COUNT SHOULD EQUAL 7076
2052	007104	060100	ADD	%1,%0	
2053	007106	000401	BR	.+4	
2054	007110	000000	HALT		;COUNT SHOULD EQUAL 7104
2055	007112	060100	ADD	%1,%0	
2056	007114	000401	BR	.+4	
2057	007116	000000	HALT		;COUNT SHOULD EQUAL 7112
2058	007120	060100	ADD	%1,%0	
2059	007122	000401	BR	.+4	
2060	007124	000000	HALT		;COUNT SHOULD EQUAL 7120
2061	007126	060100	ADD	%1,%0	
2062	007130	000401	BR	.+4	
2063	007132	000000	HALT		;COUNT SHOULD EQUAL 7126
2064	007134	060100	ADD	%1,%0	
2065	007136	000401	BR	.+4	
2066	007140	000000	HALT		;COUNT SHOULD EQUAL 7134
2067	007142	060100	ADD	%1,%0	
2068	007144	000401	BR	.+4	
2069	007146	000000	HALT		;COUNT SHOULD EQUAL 7142
2070	007150	060100	ADD	%1,%0	
2071	007152	000401	BR	.+4	
2072	007154	000000	HALT		;COUNT SHOULD EQUAL 7150
2073	007156	060100	ADD	%1,%0	
2074	007160	000401	BR	.+4	
2075	007162	000000	HALT		;COUNT SHOULD EQUAL 7156
2076	007164	060100	ADD	%1,%0	
2077	007166	000401	BR	.+4	
2078	007170	000000	HALT		;COUNT SHOULD EQUAL 7164
2079	007172	060100	ADD	%1,%0	
2080	007174	000401	BR	.+4	
2081	007176	000000	HALT		;COUNT SHOULD EQUAL 7172
2082	007200	060100	ADD	%1,%0	
2083	007202	000401	BR	.+4	
2084	007204	000000	HALT		;COUNT SHOULD EQUAL 7200
2085	007206	060100	ADD	%1,%0	
2086	007210	000401	BR	.+4	
2087	007212	000000	HALT		;COUNT SHOULD EQUAL 7206
2088	007214	060100	ADD	%1,%0	
2089	007216	000401	BR	.+4	
2090	007220	000000	HALT		;COUNT SHOULD EQUAL 7214
2091	007222	060100	ADD	%1,%0	
2092	007224	000401	BR	.+4	
2093	007226	000000	HALT		;COUNT SHOULD EQUAL 7222
2094	007230	060100	ADD	%1,%0	
2095	007232	000401	BR	.+4	
2096	007234	000000	HALT		;COUNT SHOULD EQUAL 7230
2097	007236	060100	ADD	%1,%0	
2098	007240	000401	BR	.+4	
2099	007242	000000	HALT		;COUNT SHOULD EQUAL 7236

2100	007244	060100	ADD	%1,%0	
2101	007246	000401	BR	.+4	
2102	007250	000000	HALT		;COUNT SHOULD EQUAL 7244
2103	007252	060100	ADD	%1,%0	
2104	007254	000401	BR	.+4	
2105	007256	000000	HALT		;COUNT SHOULD EQUAL 7252
2106	007260	060100	ADD	%1,%0	
2107	007262	000401	BR	.+4	
2108	007264	000000	HALT		;COUNT SHOULD EQUAL 7260
2109	007266	060100	ADD	%1,%0	
2110	007270	000401	BR	.+4	
2111	007272	000000	HALT		;COUNT SHOULD EQUAL 7266
2112	007274	060100	ADD	%1,%0	
2113	007276	000401	BR	.+4	
2114	007300	000000	HALT		;COUNT SHOULD EQUAL 7274
2115	007302	060100	ADD	%1,%0	
2116	007304	000401	BR	.+4	
2117	007306	000000	HALT		;COUNT SHOULD EQUAL 7302
2118	007310	060100	ADD	%1,%0	
2119	007312	000401	BR	.+4	
2120	007314	000000	HALT		;COUNT SHOULD EQUAL 7310
2121	007316	060100	ADD	%1,%0	
2122	007320	000401	BR	.+4	
2123	007322	000000	HALT		;COUNT SHOULD EQUAL 7316
2124	007324	060100	ADD	%1,%0	
2125	007326	000401	BR	.+4	
2126	007330	000000	HALT		;COUNT SHOULD EQUAL 7324
2127	007332	060100	ADD	%1,%0	
2128	007334	000401	BR	.+4	
2129	007336	000000	HALT		;COUNT SHOULD EQUAL 7332
2130	007340	060100	ADD	%1,%0	
2131	007342	000401	BR	.+4	
2132	007344	000000	HALT		;COUNT SHOULD EQUAL 7340
2133	007346	060100	ADD	%1,%0	
2134	007350	000401	BR	.+4	
2135	007352	000000	HALT		;COUNT SHOULD EQUAL 7346
2136	007354	060100	ADD	%1,%0	
2137	007356	000401	BR	.+4	
2138	007360	000000	HALT		;COUNT SHOULD EQUAL 7354
2139	007362	060100	ADD	%1,%0	
2140	007364	000401	BR	.+4	
2141	007366	000000	HALT		;COUNT SHOULD EQUAL 7362
2142	007370	060100	ADD	%1,%0	
2143	007372	000401	BR	.+4	
2144	007374	000000	HALT		;COUNT SHOULD EQUAL 7370
2145	007376	060100	ADD	%1,%0	
2146	007400	000401	BR	.+4	
2147	007402	000000	HALT		;COUNT SHOULD EQUAL 7376
2148	007404	060100	ADD	%1,%0	
2149	007406	000401	BR	.+4	
2150	007410	000000	HALT		;COUNT SHOULD EQUAL 7404
2151	007412	060100	ADD	%1,%0	
2152	007414	000401	BR	.+4	
2153	007416	000000	HALT		;COUNT SHOULD EQUAL 7412
2154	007420	060100	ADD	%1,%0	
2155	007422	000401	BR	.+4	

2156	007424	000000	HALT		;COUNT SHOULD EQUAL 7420
2157	007426	060100	ADD	%1,%0	
2158	007430	000401	BR	+.4	
2159	007432	000000	HALT		;COUNT SHOULD EQUAL 7426
2160	007434	060100	ADD	%1,%0	
2161	007436	000401	BR	+.4	
2162	007440	000000	HALT		;COUNT SHOULD EQUAL 7434
2163	007442	060100	ADD	%1,%0	
2164	007444	000401	BR	+.4	
2165	007446	000000	HALT		;COUNT SHOULD EQUAL 7442
2166	007450	060100	ADD	%1,%0	
2167	007452	000401	BR	+.4	
2168	007454	000000	HALT		;COUNT SHOULD EQUAL 7450
2169	007456	060100	ADD	%1,%0	
2170	007460	000401	BR	+.4	
2171	007462	000000	HALT		;COUNT SHOULD EQUAL 7456
2172	007464	060100	ADD	%1,%0	
2173	007466	000401	BR	+.4	
2174	007470	000000	HALT		;COUNT SHOULD EQUAL 7464
2175	007472	060100	ADD	%1,%0	
2176	007474	000401	BR	+.4	
2177	007476	000000	HALT		;COUNT SHOULD EQUAL 7472
2178	007500	060100	ADD	%1,%0	
2179	007502	000401	BR	+.4	
2180	007504	000000	HALT		;COUNT SHOULD EQUAL 7500
2181	007506	060100	ADD	%1,%0	
2182	007510	000401	BR	+.4	
2183	007512	000000	HALT		;COUNT SHOULD EQUAL 7506
2184	007514	060100	ADD	%1,%0	
2185	007516	000401	BR	+.4	
2186	007520	000000	HALT		;COUNT SHOULD EQUAL 7514
2187	007522	060100	ADD	%1,%0	
2188	007524	000401	BR	+.4	
2189	007526	000000	HALT		;COUNT SHOULD EQUAL 7522
2190	007530	060100	ADD	%1,%0	
2191	007532	000401	BR	+.4	
2192	007534	000000	HALT		;COUNT SHOULD EQUAL 7530
2193	007536	060100	ADD	%1,%0	
2194	007540	000401	BR	+.4	
2195	007542	000000	HALT		;COUNT SHOULD EQUAL 7536
2196	007544	060100	ADD	%1,%0	
2197	007546	000401	BR	+.4	
2198	007550	000000	HALT		;COUNT SHOULD EQUAL 7544
2199	007552	060100	ADD	%1,%0	
2200	007554	000401	BR	+.4	
2201	007556	000000	HALT		;COUNT SHOULD EQUAL 7552
2202	007560	060100	ADD	%1,%0	
2203	007562	000401	BR	+.4	
2204	007564	000000	HALT		;COUNT SHOULD EQUAL 7560
2205	007566	060100	ADD	%1,%0	
2206	007570	000401	BR	+.4	
2207	007572	000000	HALT		;COUNT SHOULD EQUAL 7566
2208	007574	060100	ADD	%1,%0	
2209	007576	000401	BR	+.4	
2210	007600	000000	HALT		;COUNT SHOULD EQUAL 7574
2211	007602	060100	ADD	%1,%0	

2212	007604	000401	BR	.+4	
2213	007606	000000	HALT		;COUNT SHOULD EQUAL 7602
2214	007610	060100	ADD	%1,%0	
2215	007612	000401	BR	.+4	
2216	007614	000000	HALT		;COUNT SHOULD EQUAL 7610
2217	007616	060100	ADD	%1,%0	
2218	007620	000401	BR	.+4	
2219	007622	000000	HALT		;COUNT SHOULD EQUAL 7616
2220	007624	060100	ADD	%1,%0	
2221	007626	000401	BR	.+4	
2222	007630	000000	HALT		;COUNT SHOULD EQUAL 7624
2223	007632	060100	ADD	%1,%0	
2224	007634	000401	BR	.+4	
2225	007636	000000	HALT		;COUNT SHOULD EQUAL 7632
2226	007640	060100	ADD	%1,%0	
2227	007642	000401	BR	.+4	
2228	007644	000000	HALT		;COUNT SHOULD EQUAL 7640
2229	007646	060100	ADD	%1,%0	
2230	007650	000401	BR	.+4	
2231	007652	000000	HALT		;COUNT SHOULD EQUAL 7646
2232	007654	060100	ADD	%1,%0	
2233	007656	000401	BR	.+4	
2234	007660	000000	HALT		;COUNT SHOULD EQUAL 7654
2235	007662	060100	ADD	%1,%0	
2236	007664	000401	BR	.+4	
2237	007666	000000	HALT		;COUNT SHOULD EQUAL 7662
2238	007670	060100	ADD	%1,%0	
2239	007672	000401	BR	.+4	
2240	007674	000000	HALT		;COUNT SHOULD EQUAL 7670
2241	007676	060100	ADD	%1,%0	
2242	007700	000401	BR	.+4	
2243	007702	000000	HALT		;COUNT SHOULD EQUAL 7676
2244	007704	060100	ADD	%1,%0	
2245	007706	000401	BR	.+4	
2246	007710	000000	HALT		;COUNT SHOULD EQUAL 7704
2247	007712	060100	ADD	%1,%0	
2248	007714	000401	BR	.+4	
2249	007716	000000	HALT		;COUNT SHOULD EQUAL 7712
2250	007720	060100	ADD	%1,%0	
2251	007722	000401	BR	.+4	
2252	007724	000000	HALT		;COUNT SHOULD EQUAL 7720
2253	007726	060100	ADD	%1,%0	
2254	007730	000401	BR	.+4	
2255	007732	000000	HALT		;COUNT SHOULD EQUAL 7726
2256	007734	060100	ADD	%1,%0	
2257	007736	000401	BR	.+4	
2258	007740	000000	HALT		;COUNT SHOULD EQUAL 7734
2259	007742	060100	ADD	%1,%0	
2260	007744	000401	BR	.+4	
2261	007746	000000	HALT		;COUNT SHOULD EQUAL 7742
2262	007750	060100	ADD	%1,%0	
2263	007752	000401	BR	.+4	
2264	007754	000000	HALT		;COUNT SHOULD EQUAL 7750
2265	007756	060100	ADD	%1,%0	
2266	007760	000401	BR	.+4	
2267	007762	000000	HALT		;COUNT SHOULD EQUAL 7756

2268	007764	060100	ADD	%1,%0	
2269	007766	000401	BR	+.4	
2270	007770	000000	HALT		;COUNT SHOULD EQUAL 7764
2271	007772	060100	ADD	%1,%0	
2272	007774	000401	BR	+.4	
2273	007776	000000	HALT		;COUNT SHOULD EQUAL 7772
2274	010000	060100	ADD	%1,%0	
2275	010002	000401	BR	+.4	
2276	010004	000000	HALT		;COUNT SHOULD EQUAL 10000
2277	010006	060100	ADD	%1,%0	
2278	010010	000401	BR	+.4	
2279	010012	000000	HALT		;COUNT SHOULD EQUAL 10006
2280	010014	060100	ADD	%1,%0	
2281	010016	000401	BR	+.4	
2282	010020	000000	HALT		;COUNT SHOULD EQUAL 10014
2283	010022	060100	ADD	%1,%0	
2284	010024	000401	BR	+.4	
2285	010026	000000	HALT		;COUNT SHOULD EQUAL 10022
2286	010030	060100	ADD	%1,%0	
2287	010032	000401	BR	+.4	
2288	010034	000000	HALT		;COUNT SHOULD EQUAL 10030
2289	010036	060100	ADD	%1,%0	
2290	010040	000401	BR	+.4	
2291	010042	000000	HALT		;COUNT SHOULD EQUAL 10036
2292	010044	060100	ADD	%1,%0	
2293	010046	000401	BR	+.4	
2294	010050	000000	HALT		;COUNT SHOULD EQUAL 10044
2295	010052	060100	ADD	%1,%0	
2296	010054	000401	BR	+.4	
2297	010056	000000	HALT		;COUNT SHOULD EQUAL 10052
2298	010060	060100	ADD	%1,%0	
2299	010062	000401	BR	+.4	
2300	010064	000000	HALT		;COUNT SHOULD EQUAL 10060
2301	010066	060100	ADD	%1,%0	
2302	010070	000401	BR	+.4	
2303	010072	000000	HALT		;COUNT SHOULD EQUAL 10066
2304	010074	060100	ADD	%1,%0	
2305	010076	000401	BR	+.4	
2306	010100	000000	HALT		;COUNT SHOULD EQUAL 10074
2307	010102	060100	ADD	%1,%0	
2308	010104	000401	BR	+.4	
2309	010106	000000	HALT		;COUNT SHOULD EQUAL 10102
2310	010110	060100	ADD	%1,%0	
2311	010112	000401	BR	+.4	
2312	010114	000000	HALT		;COUNT SHOULD EQUAL 10110
2313	010116	060100	ADD	%1,%0	
2314	010120	000401	BR	+.4	
2315	010122	000000	HALT		;COUNT SHOULD EQUAL 10116
2316	010124	060100	ADD	%1,%0	
2317	010126	000401	BR	+.4	
2318	010130	000000	HALT		;COUNT SHOULD EQUAL 10124
2319	010132	060100	ADD	%1,%0	
2320	010134	000401	BR	+.4	
2321	010136	000000	HALT		;COUNT SHOULD EQUAL 10132
2322	010140	060100	ADD	%1,%0	
2323	010142	000401	BR	+.4	

2324	010144	000000	HALT		;COUNT SHOULD EQUAL 10140
2325	010146	060100	ADD	%1,%0	
2326	010150	000401	BR	+.4	
2327	010152	000000	HALT		;COUNT SHOULD EQUAL 10146
2328	010154	060100	ADD	%1,%0	
2329	010156	000401	BR	+.4	
2330	010160	000000	HALT		;COUNT SHOULD EQUAL 10154
2331	010162	060100	ADD	%1,%0	
2332	010164	000401	BR	+.4	
2333	010166	000000	HALT		;COUNT SHOULD EQUAL 10162
2334	010170	060100	ADD	%1,%0	
2335	010172	000401	BR	+.4	
2336	010174	000000	HALT		;COUNT SHOULD EQUAL 10170
2337	010176	060100	ADD	%1,%0	
2338	010200	000401	BR	+.4	
2339	010202	000000	HALT		;COUNT SHOULD EQUAL 10176
2340	010204	060100	ADD	%1,%0	
2341	010206	000401	BR	+.4	
2342	010210	000000	HALT		;COUNT SHOULD EQUAL 10204
2343	010212	060100	ADD	%1,%0	
2344	010214	000401	BR	+.4	
2345	010216	000000	HALT		;COUNT SHOULD EQUAL 10212
2346	010220	060100	ADD	%1,%0	
2347	010222	000401	BR	+.4	
2348	010224	000000	HALT		;COUNT SHOULD EQUAL 10220
2349	010226	060100	ADD	%1,%0	
2350	010230	000401	BR	+.4	
2351	010232	000000	HALT		;COUNT SHOULD EQUAL 10226
2352	010234	060100	ADD	%1,%0	
2353	010236	000401	BR	+.4	
2354	010240	000000	HALT		;COUNT SHOULD EQUAL 10234
2355	010242	060100	ADD	%1,%0	
2356	010244	000401	BR	+.4	
2357	010246	000000	HALT		;COUNT SHOULD EQUAL 10242
2358	010250	060100	ADD	%1,%0	
2359	010252	000401	BR	+.4	
2360	010254	000000	HALT		;COUNT SHOULD EQUAL 10250
2361	010256	060100	ADD	%1,%0	
2362	010260	000401	BR	+.4	
2363	010262	000000	HALT		;COUNT SHOULD EQUAL 10256
2364	010264	060100	ADD	%1,%0	
2365	010266	000401	BR	+.4	
2366	010270	000000	HALT		;COUNT SHOULD EQUAL 10264
2367	010272	060100	ADD	%1,%0	
2368	010274	000401	BR	+.4	
2369	010276	000000	HALT		;COUNT SHOULD EQUAL 10272
2370	010300	060100	ADD	%1,%0	
2371	010302	000401	BR	+.4	
2372	010304	000000	HALT		;COUNT SHOULD EQUAL 10300
2373	010306	060100	ADD	%1,%0	
2374	010310	000401	BR	+.4	
2375	010312	000000	HALT		;COUNT SHOULD EQUAL 10306
2376	010314	060100	ADD	%1,%0	
2377	010316	000401	BR	+.4	
2378	010320	000000	HALT		;COUNT SHOULD EQUAL 10314
2379	010322	060100	ADD	%1,%0	

2380	010324	000401	BR	.+4	
2381	010326	000000	HALT		;COUNT SHOULD EQUAL 10322
2382	010330	060100	ADD	%1,%0	
2383	010332	000401	BR	.+4	
2384	010334	000000	HALT		;COUNT SHOULD EQUAL 10330
2385	010336	060100	ADD	%1,%0	
2386	010340	000401	BR	.+4	
2387	010342	000000	HALT		;COUNT SHOULD EQUAL 10336
2388	010344	060100	ADD	%1,%0	
2389	010346	000401	BR	.+4	
2390	010350	000000	HALT		;COUNT SHOULD EQUAL 10344
2391	010352	060100	ADD	%1,%0	
2392	010354	000401	BR	.+4	
2393	010356	000000	HALT		;COUNT SHOULD EQUAL 10352
2394	010360	060100	ADD	%1,%0	
2395	010362	000401	BR	.+4	
2396	010364	000000	HALT		;COUNT SHOULD EQUAL 10360
2397	010366	060100	ADD	%1,%0	
2398	010370	000401	BR	.+4	
2399	010372	000000	HALT		;COUNT SHOULD EQUAL 10366
2400	010374	060100	ADD	%1,%0	
2401	010376	000401	BR	.+4	
2402	010400	000000	HALT		;COUNT SHOULD EQUAL 10374
2403	010402	060100	ADD	%1,%0	
2404	010404	000401	BR	.+4	
2405	010406	000000	HALT		;COUNT SHOULD EQUAL 10402
2406	010410	060100	ADD	%1,%0	
2407	010412	000401	BR	.+4	
2408	010414	000000	HALT		;COUNT SHOULD EQUAL 10410
2409	010416	060100	ADD	%1,%0	
2410	010420	000401	BR	.+4	
2411	010422	000000	HALT		;COUNT SHOULD EQUAL 10416
2412	010424	060100	ADD	%1,%0	
2413	010426	000401	BR	.+4	
2414	010430	000000	HALT		;COUNT SHOULD EQUAL 10424
2415	010432	060100	ADD	%1,%0	
2416	010434	000401	BR	.+4	
2417	010436	000000	HALT		;COUNT SHOULD EQUAL 10432
2418	010440	060100	ADD	%1,%0	
2419	010442	000401	BR	.+4	
2420	010444	000000	HALT		;COUNT SHOULD EQUAL 10440
2421	010446	060100	ADD	%1,%0	
2422	010450	000401	BR	.+4	
2423	010452	000000	HALT		;COUNT SHOULD EQUAL 10446
2424	010454	060100	ADD	%1,%0	
2425	010456	000401	BR	.+4	
2426	010460	000000	HALT		;COUNT SHOULD EQUAL 10454
2427	010462	060100	ADD	%1,%0	
2428	010464	000401	BR	.+4	
2429	010466	000000	HALT		;COUNT SHOULD EQUAL 10462
2430	010470	060100	ADD	%1,%0	
2431	010472	000401	BR	.+4	
2432	010474	000000	HALT		;COUNT SHOULD EQUAL 10470
2433	010476	060100	ADD	%1,%0	
2434	010500	000401	BR	.+4	
2435	010502	000000	HALT		;COUNT SHOULD EQUAL 10476

2436	010504	060100	ADD	%1,%0	
2437	010506	000401	BR	+.4	
2438	010510	000000	HALT		;COUNT SHOULD EQUAL 10504
2439	010512	060100	ADD	%1,%0	
2440	010514	000401	BR	+.4	
2441	010516	000000	HALT		;COUNT SHOULD EQUAL 10512
2442	010520	060100	ADD	%1,%0	
2443	010522	000401	BR	+.4	
2444	010524	000000	HALT		;COUNT SHOULD EQUAL 10520
2445	010526	060100	ADD	%1,%0	
2446	010530	000401	BR	+.4	
2447	010532	000000	HALT		;COUNT SHOULD EQUAL 10526
2448	010534	060100	ADD	%1,%0	
2449	010536	000401	BR	+.4	
2450	010540	000000	HALT		;COUNT SHOULD EQUAL 10534
2451	010542	060100	ADD	%1,%0	
2452	010544	000401	BR	+.4	
2453	010546	000000	HALT		;COUNT SHOULD EQUAL 10542
2454	010550	060100	ADD	%1,%0	
2455	010552	000401	BR	+.4	
2456	010554	000000	HALT		;COUNT SHOULD EQUAL 10550
2457	010556	060100	ADD	%1,%0	
2458	010560	000401	BR	+.4	
2459	010562	000000	HALT		;COUNT SHOULD EQUAL 10556
2460	010564	060100	ADD	%1,%0	
2461	010566	000401	BR	+.4	
2462	010570	000000	HALT		;COUNT SHOULD EQUAL 10564
2463	010572	060100	ADD	%1,%0	
2464	010574	000401	BR	+.4	
2465	010576	000000	HALT		;COUNT SHOULD EQUAL 10572
2466	010600	060100	ADD	%1,%0	
2467	010602	000401	BR	+.4	
2468	010604	000000	HALT		;COUNT SHOULD EQUAL 10600
2469	010606	060100	ADD	%1,%0	
2470	010610	000401	BR	+.4	
2471	010612	000000	HALT		;COUNT SHOULD EQUAL 10606
2472	010614	060100	ADD	%1,%0	
2473	010616	000401	BR	+.4	
2474	010620	000000	HALT		;COUNT SHOULD EQUAL 10614
2475	010622	060100	ADD	%1,%0	
2476	010624	000401	BR	+.4	
2477	010626	000000	HALT		;COUNT SHOULD EQUAL 10622
2478	010630	060100	ADD	%1,%0	
2479	010632	000401	BR	+.4	
2480	010634	000000	HALT		;COUNT SHOULD EQUAL 10630
2481	010636	060100	ADD	%1,%0	
2482	010640	000401	BR	+.4	
2483	010642	000000	HALT		;COUNT SHOULD EQUAL 10636
2484	010644	060100	ADD	%1,%0	
2485	010646	000401	BR	+.4	
2486	010650	000000	HALT		;COUNT SHOULD EQUAL 10644
2487	010652	060100	ADD	%1,%0	
2488	010654	000401	BR	+.4	
2489	010656	000000	HALT		;COUNT SHOULD EQUAL 10652
2490	010660	060100	ADD	%1,%0	
2491	010662	000401	BR	+.4	

2492	010664	000000	HALT		;COUNT SHOULD EQUAL 10660
2493	010666	060100	ADD	%1,%0	
2494	010670	000401	BR	+.4	
2495	010672	000000	HALT		;COUNT SHOULD EQUAL 10666
2496	010674	060100	ADD	%1,%0	
2497	010676	000401	BR	+.4	
2498	010700	000000	HALT		;COUNT SHOULD EQUAL 10674
2499	010702	060100	ADD	%1,%0	
2500	010704	000401	BR	+.4	
2501	010706	000000	HALT		;COUNT SHOULD EQUAL 10702
2502	010710	060100	ADD	%1,%0	
2503	010712	000401	BR	+.4	
2504	010714	000000	HALT		;COUNT SHOULD EQUAL 10710
2505	010716	060100	ADD	%1,%0	
2506	010720	000401	BR	+.4	
2507	010722	000000	HALT		;COUNT SHOULD EQUAL 10716
2508	010724	060100	ADD	%1,%0	
2509	010726	000401	BR	+.4	
2510	010730	000000	HALT		;COUNT SHOULD EQUAL 10724
2511	010732	060100	ADD	%1,%0	
2512	010734	000401	BR	+.4	
2513	010736	000000	HALT		;COUNT SHOULD EQUAL 10732
2514	010740	060100	ADD	%1,%0	
2515	010742	000401	BR	+.4	
2516	010744	000000	HALT		;COUNT SHOULD EQUAL 10740
2517	010746	060100	ADD	%1,%0	
2518	010750	000401	BR	+.4	
2519	010752	000000	HALT		;COUNT SHOULD EQUAL 10746
2520	010754	060100	ADD	%1,%0	
2521	010756	000401	BR	+.4	
2522	010760	000000	HALT		;COUNT SHOULD EQUAL 10754
2523	010762	060100	ADD	%1,%0	
2524	010764	000401	BR	+.4	
2525	010766	000000	HALT		;COUNT SHOULD EQUAL 10762
2526	010770	060100	ADD	%1,%0	
2527	010772	000401	BR	+.4	
2528	010774	000000	HALT		;COUNT SHOULD EQUAL 10770
2529	010776	060100	ADD	%1,%0	
2530	011000	000401	BR	+.4	
2531	011002	000000	HALT		;COUNT SHOULD EQUAL 10776
2532	011004	060100	ADD	%1,%0	
2533	011006	000401	BR	+.4	
2534	011010	000000	HALT		;COUNT SHOULD EQUAL 11004
2535	011012	060100	ADD	%1,%0	
2536	011014	000401	BR	+.4	
2537	011016	000000	HALT		;COUNT SHOULD EQUAL 11012
2538	011020	060100	ADD	%1,%0	
2539	011022	000401	BR	+.4	
2540	011024	000000	HALT		;COUNT SHOULD EQUAL 11020
2541	011026	060100	ADD	%1,%0	
2542	011030	000401	BR	+.4	
2543	011032	000000	HALT		;COUNT SHOULD EQUAL 11026
2544	011034	060100	ADD	%1,%0	
2545	011036	000401	BR	+.4	
2546	011040	000000	HALT		;COUNT SHOULD EQUAL 11034
2547	011042	060100	ADD	%1,%0	

2548	011044	000401	BR	.+4	
2549	011046	000000	HALT		;COUNT SHOULD EQUAL 11042
2550	011050	060100	ADD	%1,%0	
2551	011052	000401	BR	.+4	
2552	011054	000000	HALT		;COUNT SHOULD EQUAL 11050
2553	011056	060100	ADD	%1,%0	
2554	011060	000401	BR	.+4	
2555	011062	000000	HALT		;COUNT SHOULD EQUAL 11056
2556	011064	060100	ADD	%1,%0	
2557	011066	000401	BR	.+4	
2558	011070	000000	HALT		;COUNT SHOULD EQUAL 11064
2559	011072	060100	ADD	%1,%0	
2560	011074	000401	BR	.+4	
2561	011076	000000	HALT		;COUNT SHOULD EQUAL 11072
2562	011100	060100	ADD	%1,%0	
2563	011102	000401	BR	.+4	
2564	011104	000000	HALT		;COUNT SHOULD EQUAL 11100
2565	011106	060100	ADD	%1,%0	
2566	011110	000401	BR	.+4	
2567	011112	000000	HALT		;COUNT SHOULD EQUAL 11106
2568	011114	060100	ADD	%1,%0	
2569	011116	000401	BR	.+4	
2570	011120	000000	HALT		;COUNT SHOULD EQUAL 11114
2571	011122	060100	ADD	%1,%0	
2572	011124	000401	BR	.+4	
2573	011126	000000	HALT		;COUNT SHOULD EQUAL 11122
2574	011130	060100	ADD	%1,%0	
2575	011132	000401	BR	.+4	
2576	011134	000000	HALT		;COUNT SHOULD EQUAL 11130
2577	011136	060100	ADD	%1,%0	
2578	011140	000401	BR	.+4	
2579	011142	000000	HALT		;COUNT SHOULD EQUAL 11136
2580	011144	060100	ADD	%1,%0	
2581	011146	000401	BR	.+4	
2582	011150	000000	HALT		;COUNT SHOULD EQUAL 11144
2583	011152	060100	ADD	%1,%0	
2584	011154	000401	BR	.+4	
2585	011156	000000	HALT		;COUNT SHOULD EQUAL 11152
2586	011160	060100	ADD	%1,%0	
2587	011162	000401	BR	.+4	
2588	011164	000000	HALT		;COUNT SHOULD EQUAL 11160
2589	011166	060100	ADD	%1,%0	
2590	011170	000401	BR	.+4	
2591	011172	000000	HALT		;COUNT SHOULD EQUAL 11166
2592	011174	060100	ADD	%1,%0	
2593	011176	000401	BR	.+4	
2594	011200	000000	HALT		;COUNT SHOULD EQUAL 11174
2595	011202	060100	ADD	%1,%0	
2596	011204	000401	BR	.+4	
2597	011206	000000	HALT		;COUNT SHOULD EQUAL 11202
2598	011210	060100	ADD	%1,%0	
2599	011212	000401	BR	.+4	
2600	011214	000000	HALT		;COUNT SHOULD EQUAL 11210
2601	011216	060100	ADD	%1,%0	
2602	011220	000401	BR	.+4	
2603	011222	000000	HALT		;COUNT SHOULD EQUAL 11216

2604	011224	060100	ADD	%1,%0	
2605	011226	000401	BR	+.4	
2606	011230	000000	HALT		;COUNT SHOULD EQUAL 11224
2607	011232	060100	ADD	%1,%0	
2608	011234	000401	BR	+.4	
2609	011236	000000	HALT		;COUNT SHOULD EQUAL 11232
2610	011240	060100	ADD	%1,%0	
2611	011242	000401	BR	+.4	
2612	011244	000000	HALT		;COUNT SHOULD EQUAL 11240
2613	011246	060100	ADD	%1,%0	
2614	011250	000401	BR	+.4	
2615	011252	000000	HALT		;COUNT SHOULD EQUAL 11246
2616	011254	060100	ADD	%1,%0	
2617	011256	000401	BR	+.4	
2618	011260	000000	HALT		;COUNT SHOULD EQUAL 11254
2619	011262	060100	ADD	%1,%0	
2620	011264	000401	BR	+.4	
2621	011266	000000	HALT		;COUNT SHOULD EQUAL 11262
2622	011270	060100	ADD	%1,%0	
2623	011272	000401	BR	+.4	
2624	011274	000000	HALT		;COUNT SHOULD EQUAL 11270
2625	011276	060100	ADD	%1,%0	
2626	011300	000401	BR	+.4	
2627	011302	000000	HALT		;COUNT SHOULD EQUAL 11276
2628	011304	060100	ADD	%1,%0	
2629	011306	000401	BR	+.4	
2630	011310	000000	HALT		;COUNT SHOULD EQUAL 11304
2631	011312	060100	ADD	%1,%0	
2632	011314	000401	BR	+.4	
2633	011316	000000	HALT		;COUNT SHOULD EQUAL 11312
2634	011320	060100	ADD	%1,%0	
2635	011322	000401	BR	+.4	
2636	011324	000000	HALT		;COUNT SHOULD EQUAL 11320
2637	011326	060100	ADD	%1,%0	
2638	011330	000401	BR	+.4	
2639	011332	000000	HALT		;COUNT SHOULD EQUAL 11326
2640	011334	060100	ADD	%1,%0	
2641	011336	000401	BR	+.4	
2642	011340	000000	HALT		;COUNT SHOULD EQUAL 11334
2643	011342	060100	ADD	%1,%0	
2644	011344	000401	BR	+.4	
2645	011346	000000	HALT		;COUNT SHOULD EQUAL 11342
2646	011350	060100	ADD	%1,%0	
2647	011352	000401	BR	+.4	
2648	011354	000000	HALT		;COUNT SHOULD EQUAL 11350
2649	011356	060100	ADD	%1,%0	
2650	011360	000401	BR	+.4	
2651	011362	000000	HALT		;COUNT SHOULD EQUAL 11356
2652	011364	060100	ADD	%1,%0	
2653	011366	000401	BR	+.4	
2654	011370	000000	HALT		;COUNT SHOULD EQUAL 11364
2655	011372	060100	ADD	%1,%0	
2656	011374	000401	BR	+.4	
2657	011376	000000	HALT		;COUNT SHOULD EQUAL 11372
2658	011400	060100	ADD	%1,%0	
2659	011402	000401	BR	+.4	

2660	011404	000000	HALT		;COUNT SHOULD EQUAL 11400
2661	011406	060100	ADD	%1,%0	
2662	011410	000401	BR	.+4	
2663	011412	000000	HALT		;COUNT SHOULD EQUAL 11406
2664	011414	060100	ADD	%1,%0	
2665	011416	000401	BR	.+4	
2666	011420	000000	HALT		;COUNT SHOULD EQUAL 11414
2667	011422	060100	ADD	%1,%0	
2668	011424	000401	BR	.+4	
2669	011426	000000	HALT		;COUNT SHOULD EQUAL 11422
2670	011430	060100	ADD	%1,%0	
2671	011432	000401	BR	.+4	
2672	011434	000000	HALT		;COUNT SHOULD EQUAL 11430
2673	011436	060100	ADD	%1,%0	
2674	011440	000401	BR	.+4	
2675	011442	000000	HALT		;COUNT SHOULD EQUAL 11436
2676	011444	060100	ADD	%1,%0	
2677	011446	000401	BR	.+4	
2678	011450	000000	HALT		;COUNT SHOULD EQUAL 11444
2679	011452	060100	ADD	%1,%0	
2680	011454	000401	BR	.+4	
2681	011456	000000	HALT		;COUNT SHOULD EQUAL 11452
2682	011460	060100	ADD	%1,%0	
2683	011462	000401	BR	.+4	
2684	011464	000000	HALT		;COUNT SHOULD EQUAL 11460
2685	011466	060100	ADD	%1,%0	
2686	011470	000401	BR	.+4	
2687	011472	000000	HALT		;COUNT SHOULD EQUAL 11466
2688	011474	060100	ADD	%1,%0	
2689	011476	000401	BR	.+4	
2690	011500	000000	HALT		;COUNT SHOULD EQUAL 11474
2691	011502	060100	ADD	%1,%0	
2692	011504	000401	BR	.+4	
2693	011506	000000	HALT		;COUNT SHOULD EQUAL 11502
2694	011510	060100	ADD	%1,%0	
2695	011512	000401	BR	.+4	
2696	011514	000000	HALT		;COUNT SHOULD EQUAL 11510
2697	011516	060100	ADD	%1,%0	
2698	011520	000401	BR	.+4	
2699	011522	000000	HALT		;COUNT SHOULD EQUAL 11516
2700	011524	060100	ADD	%1,%0	
2701	011526	000401	BR	.+4	
2702	011530	000000	HALT		;COUNT SHOULD EQUAL 11524
2703	011532	060100	ADD	%1,%0	
2704	011534	000401	BR	.+4	
2705	011536	000000	HALT		;COUNT SHOULD EQUAL 11532
2706	011540	060100	ADD	%1,%0	
2707	011542	000401	BR	.+4	
2708	011544	000000	HALT		;COUNT SHOULD EQUAL 11540
2709	011546	060100	ADD	%1,%0	
2710	011550	000401	BR	.+4	
2711	011552	000000	HALT		;COUNT SHOULD EQUAL 11546
2712	011554	060100	ADD	%1,%0	
2713	011556	000401	BR	.+4	
2714	011560	000000	HALT		;COUNT SHOULD EQUAL 11554
2715	011562	060100	ADD	%1,%0	

2716	011564	000401	BR	.+4	
2717	011566	000000	HALT		;COUNT SHOULD EQUAL 11562
2718	011570	060100	ADD	%1,%0	
2719	011572	000401	BR	.+4	
2720	011574	000000	HALT		;COUNT SHOULD EQUAL 11570
2721	011576	060100	ADD	%1,%0	
2722	011600	000401	BR	.+4	
2723	011602	000000	HALT		;COUNT SHOULD EQUAL 11576
2724	011604	060100	ADD	%1,%0	
2725	011606	000401	BR	.+4	
2726	011610	000000	HALT		;COUNT SHOULD EQUAL 11604
2727	011612	060100	ADD	%1,%0	
2728	011614	000401	BR	.+4	
2729	011616	000000	HALT		;COUNT SHOULD EQUAL 11612
2730	011620	060100	ADD	%1,%0	
2731	011622	000401	BR	.+4	
2732	011624	000000	HALT		;COUNT SHOULD EQUAL 11620
2733	011626	060100	ADD	%1,%0	
2734	011630	000401	BR	.+4	
2735	011632	000000	HALT		;COUNT SHOULD EQUAL 11626
2736	011634	060100	ADD	%1,%0	
2737	011636	000401	BR	.+4	
2738	011640	000000	HALT		;COUNT SHOULD EQUAL 11634
2739	011642	060100	ADD	%1,%0	
2740	011644	000401	BR	.+4	
2741	011646	000000	HALT		;COUNT SHOULD EQUAL 11642
2742	011650	060100	ADD	%1,%0	
2743	011652	000401	BR	.+4	
2744	011654	000000	HALT		;COUNT SHOULD EQUAL 11650
2745	011656	060100	ADD	%1,%0	
2746	011660	000401	BR	.+4	
2747	011662	000000	HALT		;COUNT SHOULD EQUAL 11656
2748	011664	060100	ADD	%1,%0	
2749	011666	000401	BR	.+4	
2750	011670	000000	HALT		;COUNT SHOULD EQUAL 11664
2751	011672	060100	ADD	%1,%0	
2752	011674	000401	BR	.+4	
2753	011676	000000	HALT		;COUNT SHOULD EQUAL 11672
2754	011700	060100	ADD	%1,%0	
2755	011702	000401	BR	.+4	
2756	011704	000000	HALT		;COUNT SHOULD EQUAL 11700
2757	011706	060100	ADD	%1,%0	
2758	011710	000401	BR	.+4	
2759	011712	000000	HALT		;COUNT SHOULD EQUAL 11706
2760	011714	060100	ADD	%1,%0	
2761	011716	000401	BR	.+4	
2762	011720	000000	HALT		;COUNT SHOULD EQUAL 11714
2763	011722	060100	ADD	%1,%0	
2764	011724	000401	BR	.+4	
2765	011726	000000	HALT		;COUNT SHOULD EQUAL 11722
2766	011730	060100	ADD	%1,%0	
2767	011732	000401	BR	.+4	
2768	011734	000000	HALT		;COUNT SHOULD EQUAL 11730
2769	011736	060100	ADD	%1,%0	
2770	011740	000401	BR	.+4	
2771	011742	000000	HALT		;COUNT SHOULD EQUAL 11736

2772	011744	060100	ADD	%1,%0	
2773	011746	000401	BR	+.4	
2774	011750	000000	HALT		;COUNT SHOULD EQUAL 11744
2775	011752	060100	ADD	%1,%0	
2776	011754	000401	BR	+.4	
2777	011756	000000	HALT		;COUNT SHOULD EQUAL 11752
2778	011760	060100	ADD	%1,%0	
2779	011762	000401	BR	+.4	
2780	011764	000000	HALT		;COUNT SHOULD EQUAL 11760
2781	011766	060100	ADD	%1,%0	
2782	011770	000401	BR	+.4	
2783	011772	000000	HALT		;COUNT SHOULD EQUAL 11766
2784	011774	060100	ADD	%1,%0	
2785	011776	000401	BR	+.4	
2786	012000	000000	HALT		;COUNT SHOULD EQUAL 11774
2787	012002	060100	ADD	%1,%0	
2788	012004	000401	BR	+.4	
2789	012006	000000	HALT		;COUNT SHOULD EQUAL 12002
2790	012010	060100	ADD	%1,%0	
2791	012012	000401	BR	+.4	
2792	012014	000000	HALT		;COUNT SHOULD EQUAL 12010
2793	012016	060100	ADD	%1,%0	
2794	012020	000401	BR	+.4	
2795	012022	000000	HALT		;COUNT SHOULD EQUAL 12016
2796	012024	060100	ADD	%1,%0	
2797	012026	000401	BR	+.4	
2798	012030	000000	HALT		;COUNT SHOULD EQUAL 12024
2799	012032	060100	ADD	%1,%0	
2800	012034	000401	BR	+.4	
2801	012036	000000	HALT		;COUNT SHOULD EQUAL 12032
2802	012040	060100	ADD	%1,%0	
2803	012042	000401	BR	+.4	
2804	012044	000000	HALT		;COUNT SHOULD EQUAL 12040
2805	012046	060100	ADD	%1,%0	
2806	012050	000401	BR	+.4	
2807	012052	000000	HALT		;COUNT SHOULD EQUAL 12046
2808	012054	060100	ADD	%1,%0	
2809	012056	000401	BR	+.4	
2810	012060	000000	HALT		;COUNT SHOULD EQUAL 12054
2811	012062	060100	ADD	%1,%0	
2812	012064	000401	BR	+.4	
2813	012066	000000	HALT		;COUNT SHOULD EQUAL 12062
2814	012070	060100	ADD	%1,%0	
2815	012072	000401	BR	+.4	
2816	012074	000000	HALT		;COUNT SHOULD EQUAL 12070
2817	012076	060100	ADD	%1,%0	
2818	012100	000401	BR	+.4	
2819	012102	000000	HALT		;COUNT SHOULD EQUAL 12076
2820	012104	060100	ADD	%1,%0	
2821	012106	000401	BR	+.4	
2822	012110	000000	HALT		;COUNT SHOULD EQUAL 12104
2823	012112	060100	ADD	%1,%0	
2824	012114	000401	BR	+.4	
2825	012116	000000	HALT		;COUNT SHOULD EQUAL 12112
2826	012120	060100	ADD	%1,%0	
2827	012122	000401	BR	+.4	

2828	012124	000000	HALT		;COUNT SHOULD EQUAL 12120
2829	012126	060100	ADD	%1,%0	
2830	012130	000401	BR	.+4	
2831	012132	000000	HALT		;COUNT SHOULD EQUAL 12126
2832	012134	060100	ADD	%1,%0	
2833	012136	000401	BR	.+4	
2834	012140	000000	HALT		;COUNT SHOULD EQUAL 12134
2835	012142	060100	ADD	%1,%0	
2836	012144	000401	BR	.+4	
2837	012146	000000	HALT		;COUNT SHOULD EQUAL 12142
2838	012150	060100	ADD	%1,%0	
2839	012152	000401	BR	.+4	
2840	012154	000000	HALT		;COUNT SHOULD EQUAL 12150
2841	012156	060100	ADD	%1,%0	
2842	012160	000401	BR	.+4	
2843	012162	000000	HALT		;COUNT SHOULD EQUAL 12156
2844	012164	060100	ADD	%1,%0	
2845	012166	000401	BR	.+4	
2846	012170	000000	HALT		;COUNT SHOULD EQUAL 12164
2847	012172	060100	ADD	%1,%0	
2848	012174	000401	BR	.+4	
2849	012176	000000	HALT		;COUNT SHOULD EQUAL 12172
2850	012200	060100	ADD	%1,%0	
2851	012202	000401	BR	.+4	
2852	012204	000000	HALT		;COUNT SHOULD EQUAL 12200
2853	012206	060100	ADD	%1,%0	
2854	012210	000401	BR	.+4	
2855	012212	000000	HALT		;COUNT SHOULD EQUAL 12206
2856	012214	060100	ADD	%1,%0	
2857	012216	000401	BR	.+4	
2858	012220	000000	HALT		;COUNT SHOULD EQUAL 12214
2859	012222	060100	ADD	%1,%0	
2860	012224	000401	BR	.+4	
2861	012226	000000	HALT		;COUNT SHOULD EQUAL 12222
2862	012230	060100	ADD	%1,%0	
2863	012232	000401	BR	.+4	
2864	012234	000000	HALT		;COUNT SHOULD EQUAL 12230
2865	012236	060100	ADD	%1,%0	
2866	012240	000401	BR	.+4	
2867	012242	000000	HALT		;COUNT SHOULD EQUAL 12236
2868	012244	060100	ADD	%1,%0	
2869	012246	000401	BR	.+4	
2870	012250	000000	HALT		;COUNT SHOULD EQUAL 12244
2871	012252	060100	ADD	%1,%0	
2872	012254	000401	BR	.+4	
2873	012256	000000	HALT		;COUNT SHOULD EQUAL 12252
2874	012260	060100	ADD	%1,%0	
2875	012262	000401	BR	.+4	
2876	012264	000000	HALT		;COUNT SHOULD EQUAL 12260
2877	012266	060100	ADD	%1,%0	
2878	012270	000401	BR	.+4	
2879	012272	000000	HALT		;COUNT SHOULD EQUAL 12266
2880	012274	060100	ADD	%1,%0	
2881	012276	000401	BR	.+4	
2882	012300	000000	HALT		;COUNT SHOULD EQUAL 12274
2883	012302	060100	ADD	%1,%0	

2884	012304	000401	BR	.+4	
2885	012306	000000	HALT		;COUNT SHOULD EQUAL 12302
2886	012310	060100	ADD	%1,%0	
2887	012312	000401	BR	.+4	
2888	012314	000000	HALT		;COUNT SHOULD EQUAL 12310
2889	012316	060100	ADD	%1,%0	
2890	012320	000401	BR	.+4	
2891	012322	000000	HALT		;COUNT SHOULD EQUAL 12316
2892	012324	060100	ADD	%1,%0	
2893	012326	000401	BR	.+4	
2894	012330	000000	HALT		;COUNT SHOULD EQUAL 12324
2895	012332	060100	ADD	%1,%0	
2896	012334	000401	BR	.+4	
2897	012336	000000	HALT		;COUNT SHOULD EQUAL 12332
2898	012340	060100	ADD	%1,%0	
2899	012342	000401	BR	.+4	
2900	012344	000000	HALT		;COUNT SHOULD EQUAL 12340
2901	012346	060100	ADD	%1,%0	
2902	012350	000401	BR	.+4	
2903	012352	000000	HALT		;COUNT SHOULD EQUAL 12346
2904	012354	060100	ADD	%1,%0	
2905	012356	000401	BR	.+4	
2906	012360	000000	HALT		;COUNT SHOULD EQUAL 12354
2907	012362	060100	ADD	%1,%0	
2908	012364	000401	BR	.+4	
2909	012366	000000	HALT		;COUNT SHOULD EQUAL 12362
2910	012370	060100	ADD	%1,%0	
2911	012372	000401	BR	.+4	
2912	012374	000000	HALT		;COUNT SHOULD EQUAL 12370
2913	012376	060100	ADD	%1,%0	
2914	012400	000401	BR	.+4	
2915	012402	000000	HALT		;COUNT SHOULD EQUAL 12376
2916	012404	060100	ADD	%1,%0	
2917	012406	000401	BR	.+4	
2918	012410	000000	HALT		;COUNT SHOULD EQUAL 12404
2919	012412	060100	ADD	%1,%0	
2920	012414	000401	BR	.+4	
2921	012416	000000	HALT		;COUNT SHOULD EQUAL 12412
2922	012420	060100	ADD	%1,%0	
2923	012422	000401	BR	.+4	
2924	012424	000000	HALT		;COUNT SHOULD EQUAL 12420
2925	012426	060100	ADD	%1,%0	
2926	012430	000401	BR	.+4	
2927	012432	000000	HALT		;COUNT SHOULD EQUAL 12426
2928	012434	060100	ADD	%1,%0	
2929	012436	000401	BR	.+4	
2930	012440	000000	HALT		;COUNT SHOULD EQUAL 12434
2931	012442	060100	ADD	%1,%0	
2932	012444	000401	BR	.+4	
2933	012446	000000	HALT		;COUNT SHOULD EQUAL 12442
2934	012450	060100	ADD	%1,%0	
2935	012452	000401	BR	.+4	
2936	012454	000000	HALT		;COUNT SHOULD EQUAL 12450
2937	012456	060100	ADD	%1,%0	
2938	012460	000401	BR	.+4	
2939	012462	000000	HALT		;COUNT SHOULD EQUAL 12456

3

2940	012464	060100	ADD	%1,%0	
2941	012466	000401	BR	+.4	
2942	012470	000000	HALT		;COUNT SHOULD EQUAL 12464
2943	012472	060100	ADD	%1,%0	
2944	012474	000401	BR	+.4	
2945	012476	000000	HALT		;COUNT SHOULD EQUAL 12472
2946	012500	060100	ADD	%1,%0	
2947	012502	000401	BR	+.4	
2948	012504	000000	HALT		;COUNT SHOULD EQUAL 12500
2949	012506	060100	ADD	%1,%0	
2950	012510	000401	BR	+.4	
2951	012512	000000	HALT		;COUNT SHOULD EQUAL 12506
2952	012514	060100	ADD	%1,%0	
2953	012516	000401	BR	+.4	
2954	012520	000000	HALT		;COUNT SHOULD EQUAL 12514
2955	012522	060100	ADD	%1,%0	
2956	012524	000401	BR	+.4	
2957	012526	000000	HALT		;COUNT SHOULD EQUAL 12522
2958	012530	060100	ADD	%1,%0	
2959	012532	000401	BR	+.4	
2960	012534	000000	HALT		;COUNT SHOULD EQUAL 12530
2961	012536	060100	ADD	%1,%0	
2962	012540	000401	BR	+.4	
2963	012542	000000	HALT		;COUNT SHOULD EQUAL 12536
2964	012544	060100	ADD	%1,%0	
2965	012546	000401	BR	+.4	
2966	012550	000000	HALT		;COUNT SHOULD EQUAL 12544
2967	012552	060100	ADD	%1,%0	
2968	012554	000401	BR	+.4	
2969	012556	000000	HALT		;COUNT SHOULD EQUAL 12552
2970	012560	060100	ADD	%1,%0	
2971	012562	000401	BR	+.4	
2972	012564	000000	HALT		;COUNT SHOULD EQUAL 12560
2973	012566	060100	ADD	%1,%0	
2974	012570	000401	BR	+.4	
2975	012572	000000	HALT		;COUNT SHOULD EQUAL 12566
2976	012574	060100	ADD	%1,%0	
2977	012576	000401	BR	+.4	
2978	012600	000000	HALT		;COUNT SHOULD EQUAL 12574
2979	012602	060100	ADD	%1,%0	
2980	012604	000401	BR	+.4	
2981	012606	000000	HALT		;COUNT SHOULD EQUAL 12602
2982	012610	060100	ADD	%1,%0	
2983	012612	000401	BR	+.4	
2984	012614	000000	HALT		;COUNT SHOULD EQUAL 12610
2985	012616	060100	ADD	%1,%0	
2986	012620	000401	BR	+.4	
2987	012622	000000	HALT		;COUNT SHOULD EQUAL 12616
2988	012624	060100	ADD	%1,%0	
2989	012626	000401	BR	+.4	
2990	012630	000000	HALT		;COUNT SHOULD EQUAL 12624
2991	012632	060100	ADD	%1,%0	
2992	012634	000401	BR	+.4	
2993	012636	000000	HALT		;COUNT SHOULD EQUAL 12632
2994	012640	060100	ADD	%1,%0	
2995	012642	000401	BR	+.4	

2996	012644	000000	HALT			
2997	012646	060100	ADD	%1,%0		;COUNT SHOULD EQUAL 12640
2998	012650	000401	BR	+.4		
2999	012652	000000	HALT			;COUNT SHOULD EQUAL 12646
3000	012654	060100	ADD	%1,%0		
3001	012656	000401	BR	+.4		
3002	012660	000000	HALT			;COUNT SHOULD EQUAL 12654
3003	012662	060100	ADD	%1,%0		
3004	012664	000401	BR	+.4		
3005	012666	000000	HALT			;COUNT SHOULD EQUAL 12662
3006	012670	060100	ADD	%1,%0		
3007	012672	000401	BR	+.4		
3008	012674	000000	HALT			;COUNT SHOULD EQUAL 12670
3009	012676	060100	ADD	%1,%0		
3010	012700	000401	BR	+.4		
3011	012702	000000	HALT			;COUNT SHOULD EQUAL 12676
3012	012704	060100	ADD	%1,%0		
3013	012706	000401	BR	+.4		
3014	012710	000000	HALT			;COUNT SHOULD EQUAL 12704
3015	012712	060100	ADD	%1,%0		
3016	012714	000401	BR	+.4		
3017	012716	000000	HALT			;COUNT SHOULD EQUAL 12712
3018	012720	060100	ADD	%1,%0		
3019	012722	000401	BR	+.4		
3020	012724	000000	HALT			;COUNT SHOULD EQUAL 12720
3021	012726	060100	ADD	%1,%0		
3022	012730	000401	BR	+.4		
3023	012732	000000	HALT			;COUNT SHOULD EQUAL 12726
3024	012734	060100	ADD	%1,%0		
3025	012736	000401	BR	+.4		
3026	012740	000000	HALT			;COUNT SHOULD EQUAL 12734
3027	012742	060100	ADD	%1,%0		
3028	012744	000401	BR	+.4		
3029	012746	000000	HALT			;COUNT SHOULD EQUAL 12742
3030	012750	060100	ADD	%1,%0		
3031	012752	000401	BR	+.4		
3032	012754	000000	HALT			;COUNT SHOULD EQUAL 12750
3033	012756	060100	ADD	%1,%0		
3034	012760	000401	BR	+.4		
3035	012762	000000	HALT			;COUNT SHOULD EQUAL 12756
3036	012764	060100	ADD	%1,%0		
3037	012766	000401	BR	+.4		
3038	012770	000000	HALT			;COUNT SHOULD EQUAL 12764
3039	012772	060100	ADD	%1,%0		
3040	012774	000401	BR	+.4		
3041	012776	000000	HALT			;COUNT SHOULD EQUAL 12772
3042	013000	060100	ADD	%1,%0		
3043	013002	000401	BR	+.4		
3044	013004	000000	HALT			;COUNT SHOULD EQUAL 13000
3045	013006	060100	ADD	%1,%0		
3046	013010	000401	BR	+.4		
3047	013012	000000	HALT			;COUNT SHOULD EQUAL 13006
3048	013014	060100	ADD	%1,%0		
3049	013016	000401	BR	+.4		
3050	013020	000000	HALT			;COUNT SHOULD EQUAL 13014
3051	013022	060100	ADD	%1,%0		

3052	013024	000401	BR	.+4	
3053	013026	000000	HALT		;COUNT SHOULD EQUAL 13022
3054	013030	060100	ADD	%1,%0	
3055	013032	000401	BR	.+4	
3056	013034	000000	HALT		;COUNT SHOULD EQUAL 13030
3057	013036	060100	ADD	%1,%0	
3058	013040	000401	BR	.+4	
3059	013042	000000	HALT		;COUNT SHOULD EQUAL 13036
3060	013044	060100	ADD	%1,%0	
3061	013046	000401	BR	.+4	
3062	013050	000000	HALT		;COUNT SHOULD EQUAL 13044
3063	013052	060100	ADD	%1,%0	
3064	013054	000401	BR	.+4	
3065	013056	000000	HALT		;COUNT SHOULD EQUAL 13052
3066	013060	060100	ADD	%1,%0	
3067	013062	000401	BR	.+4	
3068	013064	000000	HALT		;COUNT SHOULD EQUAL 13060
3069	013066	060100	ADD	%1,%0	
3070	013070	000401	BR	.+4	
3071	013072	000000	HALT		;COUNT SHOULD EQUAL 13066
3072	013074	060100	ADD	%1,%0	
3073	013076	000401	BR	.+4	
3074	013100	000000	HALT		;COUNT SHOULD EQUAL 13074
3075	013102	060100	ADD	%1,%0	
3076	013104	000401	BR	.+4	
3077	013106	000000	HALT		;COUNT SHOULD EQUAL 13102
3078	013110	060100	ADD	%1,%0	
3079	013112	000401	BR	.+4	
3080	013114	000000	HALT		;COUNT SHOULD EQUAL 13110
3081	013116	060100	ADD	%1,%0	
3082	013120	000401	BR	.+4	
3083	013122	000000	HALT		;COUNT SHOULD EQUAL 13116
3084	013124	060100	ADD	%1,%0	
3085	013126	000401	BR	.+4	
3086	013130	000000	HALT		;COUNT SHOULD EQUAL 13124
3087	013132	060100	ADD	%1,%0	
3088	013134	000401	BR	.+4	
3089	013136	000000	HALT		;COUNT SHOULD EQUAL 13132
3090	013140	060100	ADD	%1,%0	
3091	013142	000401	BR	.+4	
3092	013144	000000	HALT		;COUNT SHOULD EQUAL 13140
3093	013146	060100	ADD	%1,%0	
3094	013150	000401	BR	.+4	
3095	013152	000000	HALT		;COUNT SHOULD EQUAL 13146
3096	013154	060100	ADD	%1,%0	
3097	013156	000401	BR	.+4	
3098	013160	000000	HALT		;COUNT SHOULD EQUAL 13154
3099	013162	060100	ADD	%1,%0	
3100	013164	000401	BR	.+4	
3101	013166	000000	HALT		;COUNT SHOULD EQUAL 13162
3102	013170	060100	ADD	%1,%0	
3103	013172	000401	BR	.+4	
3104	013174	000000	HALT		;COUNT SHOULD EQUAL 13170
3105	013176	060100	ADD	%1,%0	
3106	013200	000401	BR	.+4	
3107	013202	000000	HALT		;COUNT SHOULD EQUAL 13176

3108	013204	060100	ADD	%1,%0	
3109	013206	000401	BR	.+4	
3110	013210	000000	HALT		;COUNT SHOULD EQUAL 13204
3111	013212	060100	ADD	%1,%0	
3112	013214	000401	BR	.+4	
3113	013216	000000	HALT		;COUNT SHOULD EQUAL 13212
3114	013220	060100	ADD	%1,%0	
3115	013222	000401	BR	.+4	
3116	013224	000000	HALT		;COUNT SHOULD EQUAL 13220
3117	013226	060100	ADD	%1,%0	
3118	013230	000401	BR	.+4	
3119	013232	000000	HALT		;COUNT SHOULD EQUAL 13226
3120	013234	060100	ADD	%1,%0	
3121	013236	000401	BR	.+4	
3122	013240	000000	HALT		;COUNT SHOULD EQUAL 13234
3123	013242	060100	ADD	%1,%0	
3124	013244	000401	BR	.+4	
3125	013246	000000	HALT		;COUNT SHOULD EQUAL 13242
3126	013250	060100	ADD	%1,%0	
3127	013252	000401	BR	.+4	
3128	013254	000000	HALT		;COUNT SHOULD EQUAL 13250
3129	013256	060100	ADD	%1,%0	
3130	013260	000401	BR	.+4	
3131	013262	000000	HALT		;COUNT SHOULD EQUAL 13256
3132	013264	060100	ADD	%1,%0	
3133	013266	000401	BR	.+4	
3134	013270	000000	HALT		;COUNT SHOULD EQUAL 13264
3135	013272	060100	ADD	%1,%0	
3136	013274	000401	BR	.+4	
3137	013276	000000	HALT		;COUNT SHOULD EQUAL 13272
3138	013300	060100	ADD	%1,%0	
3139	013302	000401	BR	.+4	
3140	013304	000000	HALT		;COUNT SHOULD EQUAL 13300
3141	013306	060100	ADD	%1,%0	
3142	013310	000401	BR	.+4	
3143	013312	000000	HALT		;COUNT SHOULD EQUAL 13306
3144	013314	060100	ADD	%1,%0	
3145	013316	000401	BR	.+4	
3146	013320	000000	HALT		;COUNT SHOULD EQUAL 13314
3147	013322	060100	ADD	%1,%0	
3148	013324	000401	BR	.+4	
3149	013326	000000	HALT		;COUNT SHOULD EQUAL 13322
3150	013330	060100	ADD	%1,%0	
3151	013332	000401	BR	.+4	
3152	013334	000000	HALT		;COUNT SHOULD EQUAL 13330
3153	013336	060100	ADD	%1,%0	
3154	013340	000401	BR	.+4	
3155	013342	000000	HALT		;COUNT SHOULD EQUAL 13336
3156	013344	060100	ADD	%1,%0	
3157	013346	000401	BR	.+4	
3158	013350	000000	HALT		;COUNT SHOULD EQUAL 13344
3159	013352	060100	ADD	%1,%0	
3160	013354	000401	BR	.+4	
3161	013356	000000	HALT		;COUNT SHOULD EQUAL 13352
3162	013360	060100	ADD	%1,%0	
3163	013362	000401	BR	.+4	

3164	013364	000000	HALT			
3165	013366	060100	ADD	%1,%0		;COUNT SHOULD EQUAL 13360
3166	013370	000401	BR	.+4		
3167	013372	000000	HALT			;COUNT SHOULD EQUAL 13366
3168	013374	060100	ADD	%1,%0		
3169	013376	000401	BR	.+4		
3170	013400	000000	HALT			;COUNT SHOULD EQUAL 13374
3171	013402	060100	ADD	%1,%0		
3172	013404	000401	BR	.+4		
3173	013406	000000	HALT			;COUNT SHOULD EQUAL 13402
3174	013410	060100	ADD	%1,%0		
3175	013412	000401	BR	.+4		
3176	013414	000000	HALT			;COUNT SHOULD EQUAL 13410
3177	013416	060100	ADD	%1,%0		
3178	013420	000401	BR	.+4		
3179	013422	000000	HALT			;COUNT SHOULD EQUAL 13416
3180	013424	060100	ADD	%1,%0		
3181	013426	000401	BR	.+4		
3182	013430	000000	HALT			;COUNT SHOULD EQUAL 13424
3183	013432	060100	ADD	%1,%0		
3184	013434	000401	BR	.+4		
3185	013436	000000	HALT			;COUNT SHOULD EQUAL 13432
3186	013440	060100	ADD	%1,%0		
3187	013442	000401	BR	.+4		
3188	013444	000000	HALT			;COUNT SHOULD EQUAL 13440
3189	013446	060100	ADD	%1,%0		
3190	013450	000401	BR	.+4		
3191	013452	000000	HALT			;COUNT SHOULD EQUAL 13446
3192	013454	060100	ADD	%1,%0		
3193	013456	000401	BR	.+4		
3194	013460	000000	HALT			;COUNT SHOULD EQUAL 13454
3195	013462	060100	ADD	%1,%0		
3196	013464	000401	BR	.+4		
3197	013466	000000	HALT			;COUNT SHOULD EQUAL 13462
3198	013470	060100	ADD	%1,%0		
3199	013472	000401	BR	.+4		
3200	013474	000000	HALT			;COUNT SHOULD EQUAL 13470
3201	013476	060100	ADD	%1,%0		
3202	013500	000401	BR	.+4		
3203	013502	000000	HALT			;COUNT SHOULD EQUAL 13476
3204	013504	060100	ADD	%1,%0		
3205	013506	000401	BR	.+4		
3206	013510	000000	HALT			;COUNT SHOULD EQUAL 13504
3207	013512	060100	ADD	%1,%0		
3208	013514	000401	BR	.+4		
3209	013516	000000	HALT			;COUNT SHOULD EQUAL 13512
3210	013520	060100	ADD	%1,%0		
3211	013522	000401	BR	.+4		
3212	013524	000000	HALT			;COUNT SHOULD EQUAL 13520
3213	013526	060100	ADD	%1,%0		
3214	013530	000401	BR	.+4		
3215	013532	000000	HALT			;COUNT SHOULD EQUAL 13526
3216	013534	060100	ADD	%1,%0		
3217	013536	000401	BR	.+4		
3218	013540	000000	HALT			;COUNT SHOULD EQUAL 13534
3219	013542	060100	ADD	%1,%0		

3220	013544	000401	BR	.+4	
3221	013546	000000	HALT		;COUNT SHOULD EQUAL 13542
3222	013550	060100	ADD	%1,%0	
3223	013552	000401	BR	.+4	
3224	013554	000000	HALT		;COUNT SHOULD EQUAL 13550
3225	013556	060100	ADD	%1,%0	
3226	013560	000401	BR	.+4	
3227	013562	000000	HALT		;COUNT SHOULD EQUAL 13556
3228	013564	060100	ADD	%1,%0	
3229	013566	000401	BR	.+4	
3230	013570	000000	HALT		;COUNT SHOULD EQUAL 13564
3231	013572	060100	ADD	%1,%0	
3232	013574	000401	BR	.+4	
3233	013576	000000	HALT		;COUNT SHOULD EQUAL 13572
3234	013600	060100	ADD	%1,%0	
3235	013602	000401	BR	.+4	
3236	013604	000000	HALT		;COUNT SHOULD EQUAL 13600
3237	013606	060100	ADD	%1,%0	
3238	013610	000401	BR	.+4	
3239	013612	000000	HALT		;COUNT SHOULD EQUAL 13606
3240	013614	060100	ADD	%1,%0	
3241	013616	000401	BR	.+4	
3242	013620	000000	HALT		;COUNT SHOULD EQUAL 13614
3243	013622	060100	ADD	%1,%0	
3244	013624	000401	BR	.+4	
3245	013626	000000	HALT		;COUNT SHOULD EQUAL 13622
3246	013630	060100	ADD	%1,%0	
3247	013632	000401	BR	.+4	
3248	013634	000000	HALT		;COUNT SHOULD EQUAL 13630
3249	013636	060100	ADD	%1,%0	
3250	013640	000401	BR	.+4	
3251	013642	000000	HALT		;COUNT SHOULD EQUAL 13636
3252	013644	060100	ADD	%1,%0	
3253	013646	000401	BR	.+4	
3254	013650	000000	HALT		;COUNT SHOULD EQUAL 13644
3255	013652	060100	ADD	%1,%0	
3256	013654	000401	BR	.+4	
3257	013656	000000	HALT		;COUNT SHOULD EQUAL 13652
3258	013660	060100	ADD	%1,%0	
3259	013662	000401	BR	.+4	
3260	013664	000000	HALT		;COUNT SHOULD EQUAL 13660
3261	013666	060100	ADD	%1,%0	
3262	013670	000401	BR	.+4	
3263	013672	000000	HALT		;COUNT SHOULD EQUAL 13666
3264	013674	060100	ADD	%1,%0	
3265	013676	000401	BR	.+4	
3266	013700	000000	HALT		;COUNT SHOULD EQUAL 13674
3267	013702	060100	ADD	%1,%0	
3268	013704	000401	BR	.+4	
3269	013706	000000	HALT		;COUNT SHOULD EQUAL 13702
3270	013710	060100	ADD	%1,%0	
3271	013712	000401	BR	.+4	
3272	013714	000000	HALT		;COUNT SHOULD EQUAL 13710
3273	013716	060100	ADD	%1,%0	
3274	013720	000401	BR	.+4	
3275	013722	000000	HALT		;COUNT SHOULD EQUAL 13716

3276	013724	060100	ADD	%1,%0	
3277	013726	000401	BR	+.4	
3278	013730	000000	HALT		;COUNT SHOULD EQUAL 13724
3279	013732	060100	ADD	%1,%0	
3280	013734	000401	BR	+.4	
3281	013736	000000	HALT		;COUNT SHOULD EQUAL 13732
3282	013740	060100	ADD	%1,%0	
3283	013742	000401	BR	+.4	
3284	013744	000000	HALT		;COUNT SHOULD EQUAL 13740
3285	013746	060100	ADD	%1,%0	
3286	013750	000401	BR	+.4	
3287	013752	000000	HALT		;COUNT SHOULD EQUAL 13746
3288	013754	060100	ADD	%1,%0	
3289	013756	000401	BR	+.4	
3290	013760	000000	HALT		;COUNT SHOULD EQUAL 13754
3291	013762	060100	ADD	%1,%0	
3292	013764	000401	BR	+.4	
3293	013766	000000	HALT		;COUNT SHOULD EQUAL 13762
3294	013770	060100	ADD	%1,%0	
3295	013772	000401	BR	+.4	
3296	013774	000000	HALT		;COUNT SHOULD EQUAL 13770
3297	013776	060100	ADD	%1,%0	
3298	014000	000401	BR	+.4	
3299	014002	000000	HALT		;COUNT SHOULD EQUAL 13776
3300	014004	060100	ADD	%1,%0	
3301	014006	000401	BR	+.4	
3302	014010	000000	HALT		;COUNT SHOULD EQUAL 14004
3303	014012	060100	ADD	%1,%0	
3304	014014	000401	BR	+.4	
3305	014016	000000	HALT		;COUNT SHOULD EQUAL 14012
3306	014020	060100	ADD	%1,%0	
3307	014022	000401	BR	+.4	
3308	014024	000000	HALT		;COUNT SHOULD EQUAL 14020
3309	014026	060100	ADD	%1,%0	
3310	014030	000401	BR	+.4	
3311	014032	000000	HALT		;COUNT SHOULD EQUAL 14026
3312	014034	060100	ADD	%1,%0	
3313	014036	000401	BR	+.4	
3314	014040	000000	HALT		;COUNT SHOULD EQUAL 14034
3315	014042	060100	ADD	%1,%0	
3316	014044	000401	BR	+.4	
3317	014046	000000	HALT		;COUNT SHOULD EQUAL 14042
3318	014050	060100	ADD	%1,%0	
3319	014052	000401	BR	+.4	
3320	014054	000000	HALT		;COUNT SHOULD EQUAL 14050
3321	014056	060100	ADD	%1,%0	
3322	014060	000401	BR	+.4	
3323	014062	000000	HALT		;COUNT SHOULD EQUAL 14056
3324	014064	060100	ADD	%1,%0	
3325	014066	000401	BR	+.4	
3326	014070	000000	HALT		;COUNT SHOULD EQUAL 14064
3327	014072	060100	ADD	%1,%0	
3328	014074	000401	BR	+.4	
3329	014076	000000	HALT		;COUNT SHOULD EQUAL 14072
3330	014100	060100	ADD	%1,%0	
3331	014102	000401	BR	+.4	

3332	014104	000000						HALT			;COUNT SHOULD EQUAL 14100
3333	014106	060100						ADD	%1,%0		
3334	014110	000401						BR	+.4		
3335	014112	000000						HALT			;COUNT SHOULD EQUAL 14106
3336	014114	060100						ADD	%1,%0		
3337	014116	000401						BR	+.4		
3338	014120	000000						HALT			;COUNT SHOULD EQUAL 14114
3339	014122	060100						ADD	%1,%0		
3340	014124	000401						BR	+.4		
3341	014126	000000						HALT			;COUNT SHOULD EQUAL 14122
3342	014130	060100						ADD	%1,%0		
3343	014132	000401						BR	+.4		
3344	014134	000000						HALT			;COUNT SHOULD EQUAL 14130
3345	014136	060100						ADD	%1,%0		
3346	014140	000401						BR	+.4		
3347	014142	000000						HALT			;COUNT SHOULD EQUAL 14136
3348	014144	060100						ADD	%1,%0		
3349	014146	000401						BR	+.4		
3350	014150	000000						HALT			;COUNT SHOULD EQUAL 14144
3351	014152	060100						ADD	%1,%0		
3352	014154	000401						BR	+.4		
3353	014156	000000						HALT			;COUNT SHOULD EQUAL 14152
3354	014160	060100						ADD	%1,%0		
3355	014162	000401						BR	+.4		
3356	014164	000000						HALT			;COUNT SHOULD EQUAL 14160
3357	014166	060100						ADD	%1,%0		
3358	014170	000401						BR	+.4		
3359	014172	000000						HALT			;COUNT SHOULD EQUAL 14166
3360	014174	060100						ADD	%1,%0		
3361	014176	000401						BR	+.4		
3362	014200	000000						HALT			;COUNT SHOULD EQUAL 14174
3363	014202	005267	000022					INC	LOOP		
3364	014206	001006						BNE	FIN		
3365	014210	012737	000207	177566				MOV	#207,@#177566		
3366	014216	105737	177564					TSTB	@#177564		
3367	014222	100375						BPL	-4		
3368	014224	000167	163750			FIN:		JMP	200		
3369	014230	000000				LOOP:		O			
3370		000001						.END			

FIN 014224
 LOOP 014230
 SR = 177570
 = 014232

3364	3368#	260	262	264	266	268	270	272	274	276	278	280
3363*	3369#	258	262	264	266	268	270	272	274	276	278	280
290#		282#	284	286	288	291#	294	295	297	298	300	301
257#	258	286	288	291#	294	295	297	298	300	301	303	304
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325	327	328	330	331	333	334	336	337	339	340	342	343
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423	424	426	427	429	430	432	433	435	436	438	439	441
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598	600	601	603	604	606	607	609	610	612	613	615	616
618	619	621	622	624	625	627	628	630	631	633	634	636
637	639	640	642	643	645	646	648	649	651	652	654	655
657	658	660	661	663	664	666	667	669	670	672	673	675
676	678	679	681	682	684	685	687	688	690	691	693	694
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715	717	718	720	721	723	724	726	727	729	730	732	733
735	736	738	739	741	742	744	745	747	748	750	751	753
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774	775	777	778	780	781	783	784	786	787	789	790	792
793	795	796	798	799	801	802	804	805	807	808	810	811
813	814	816	817	819	820	822	823	825	826	828	829	831
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871	873	874	876	877	879	880	882	883	885	886	888	889
891	892	894	895	897	898	900	901	903	904	906	907	909
910	912	913	915	916	918	919	921	922	924	925	927	928
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969	970	972	973	975	976	978	979	981	982	984	985	987
988	990	991	993	994	996	997	999	1000	1002	1003	1005	1006
1008	1009	1011	1012	1014	1015	1017	1018	1020	1021	1023	1024	1026
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1183	1185	1186	1188	1189	1191	1192	1194	1195	1197	1198	1200	1201
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1788	1789	1791	1792	1794	1795	1797	1798	1800	1801	1803	1804	1806
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1885	1887	1888	1890	1891	1893	1894	1896	1897	1899	1900	1902	1903
1905	1906	1908	1909	1911	1912	1914	1915	1917	1918	1920	1921	1923
1924	1926	1927	1929	1930	1932	1933	1935	1936	1938	1939	1941	1942
1944	1945	1947	1948	1950	1951	1953	1954	1956	1957	1959	1960	1962
1963	1965	1966	1968	1969	1971	1972	1974	1975	1977	1978	1980	1981
1983	1984	1986	1987	1989	1990	1992	1993	1995	1996	1998	1999	2001
2002	2004	2005	2007	2008	2010	2011	2013	2014	2016	2017	2019	2020
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2100	2101	2103	2104	2106	2107	2109	2110	2112	2113	2115	2116	2118
2119	2121	2122	2124	2125	2127	2128	2130	2131	2133	2134	2136	2137
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HALT

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.MAIN. MACY11 27(732) 04-OCT-76 09:37 PAGE 78
DOAA.P11 CROSS REFERENCE TABLE -- PERMANENT SYMBOLS

ERRORS DETECTED: 0
DEFAULT GLOBALS GENERATED: 0

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RUN-TIME RATIO: 297/74=3.9
CORE USED: 32K (63 PAGES)

