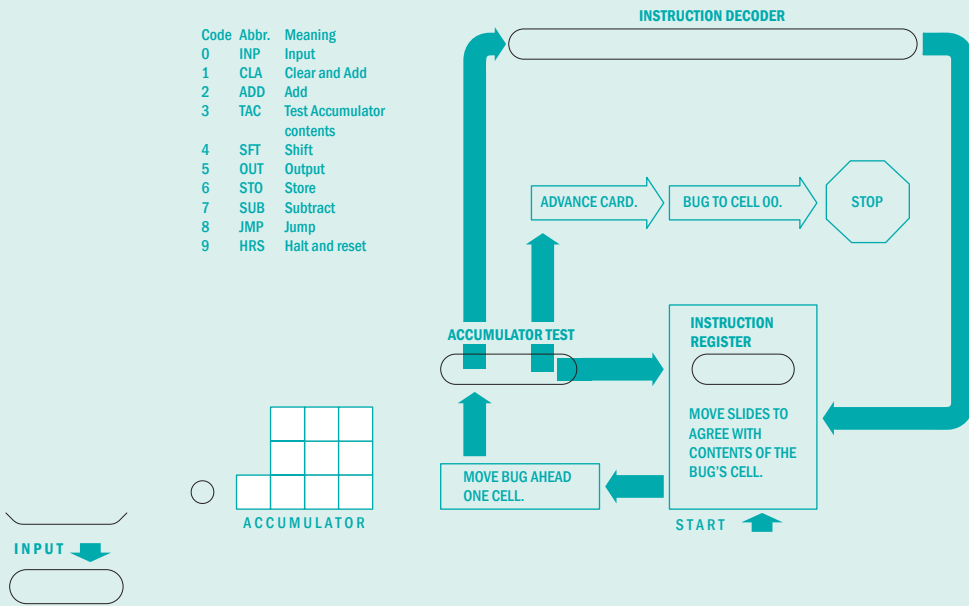


1966, 1968 Bell Telephone Laboratories, Incorporated

Code	Abbr.	Meaning
0	INP	Input
1	CLA	Clear and Add
2	ADD	Add
3	TAC	Test Accumulator contents
4	SFT	Shift
5	OUT	Output
6	STO	Store
7	SUB	Subtract
8	JMP	Jump
9	HRS	Halt and reset



"cardiac" developed by David Hagelbarger

25
24
817 23
817 22
024 21
604 20
023 19
106 18
022 17
605 16
021 15
204 14
020 13
606 12
019 11
105 10
018 9
504 8
017 7
001 6
005 5
000 4
004 3
800 2
002 1



M E M O R Y C E L L S

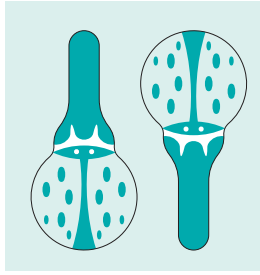
CELL NO.	CONTENTS	CELL NO.	CONTENTS	CELL NO.	CONTENTS	CELL NO.	CONTENTS	CELL NO.	CONTENTS	CELL NO.	CONTENTS
00	001	17		34		51		68		85	
01		18		35		52		69		86	
02		19		36		53		70		87	
03		20		37		54		71		88	
04		21		38		55		72		89	
05		22		39		56		73		90	
06		23		40		57		74		91	
07		24		41		58		75		92	
08		25		42		59		76		93	
09		26		43		60		77		94	
10		27		44		61		78		95	
11		28		45		62		79		96	
12		29		46		63		80		97	
13		30		47		64		81		98	
14		31		48		65		82		99	8
15		32		49		66		83			
16		33		50		67		84			

OUTPUT



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- 4
- 3
- 2
- 1





2

WRITE BUGS CELL NO. IN CELL 99:
MOVE BUG TO CELL

SUBTRACT CONTENT OF CELL FROM ACCUMULATOR

COPY ACCUMULATOR INTO CELL

COPY CONTENTS OF CELL ON OUTPUT CARD AND ADVANCE CARD

SHIFT ACCUMULATOR LEFT PLACES... THEN RIGHT

MOVE BUG TO CELL

ADD CONTENTS OF CELL INTO ACCUMULATOR

ERASE ACCUMULATOR INTO ACCUMULATOR

COPY CONTENTS OFF CELL INTO ACCUMULATOR

COPY INPUT CARD INTO CELL : ADVANCE CARD

9
8
7
6
5
4
3
2
1
0

1

+
-

OP CODE

3

9 9
8 8
7 7
6 6
5 5
4 4
3 3
2 2
1 1
0 0

ADDRESS (1)

4

9 9
8 8
7 7
6 6
5 5
4 4
3 3
2 2
1 1
0 0

ADDRESS (2)

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ACCUMULATOR TEST

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