

HP-41C Sort Program LOAD Registers by George Istok
PPC Calculator Journal Vol 7 No 2 P41 Feb-Mar 1980

```
01 LBL "LOAD" ;Load Registers
02 CF 00
03 "PREP-LOAD"
04 AVIEW
05 CLRG
06 SF 25
07 .00010
08 ENTER
09 LBL 01
10 RDN
11 ISG X
12 LBL 00
13 RCL IND X
14 FS? 25
15 GTO 01
16 FS? 00
17 GTO 02
18 SF 00
19 SF 25
20 DSE X
21 LBL 00
22 INT
23 ENTER
24 GTO 01
25 LBL 02
26 FIX 00
27 CF 29
28 "SIZE="
29 ARCL X
30 CF 00
31 PROMPT
32 LBL "OPEN" ; Enter Numbers to Sort
33 CF 29
34 CLST
35 +
36 LBL 03
37 "NUMBER? "
38 ARCL L
39 SF 29
40 PROMPT
41 STO IND L
42 CLX
43 CF 29
44 ISG L
45 LBL 00
46 GTO 03
47 LBL "CLOSE" ;Successful Ending
48 SF 00
49 "LOAD SORT"
50 PROMPT
51 LBL "ERR" ;Error Condition
52 DSE L
53 CLX
54 STO IND L
55 GTO 03
56 END
```

0096C000F5004C4F4144A900F9505245502D4C4F41447E8AA8
191A101010111083027596730190F3AC19B200AC00B300A800
A8199773016883B200039C00A91DF553495A453D9B73A9008E
C000F5004F50454EA91D734004F94E554D4245523F20209B74
A81D8E91F477A91D967401B400C000F600434C4F5345A800F9
4C4F414420534F52548EC000F40045525297747791F4B400C0
00DDA

150 BYTES

HP-41C Sort Program SORT Routine by George Istok
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```
01 LBL "SORT" ;Sort Routine
02 FS? 00
03 GTO 01
04 "FILE SIZE?"
05 PROMPT
06 GTO 02
07 LBL 01
08 RCL L
09 LBL 02
10 "SORTING"
11 AVIEW
12 STO N
13 LBL 03
14 DSE N
15 GTO 04
16 GTO 07
17 LBL 04
18 RCL N
19 1 E3
20 /
21 STO M
22 RCL IND N
23 ENTER
24 LBL 05
25 CLX
26 RCL IND M
27 X<=Y?
28 GTO 06
29 X<>Y
30 STO IND M
31 LBL 06
32 ISG M
33 GTO 05
34 RDN
35 STO IND N
36 GTO 03
37 LBL 07
38 "FINISHED"
39 AVIEW
40 .015
41 LBL 08
42 TONE 09
43 ISG X
44 GTO 08
45 .050
46 LBL 09
47 ISG X
48 GTO 09
49 OFF
50 END
```

0073C000F500534F5254AC00B200FA46494C452053495A453F
8EB30002907403F7534F5254494E477E9176049776B500B800
059076111B1343917590F683067790F546B7007191F5079675
B6007591F6B40008F846494E49534845447E1A101115099F09
9673B9001A1015100A9673BA008DC0000DF7

115 BYTES

HP-41C Sort Program LOAD by George Istok V7 N2 P41 Feb-Mar 1980

Program Registers Needed: 22

Row 1 (1 - 3)



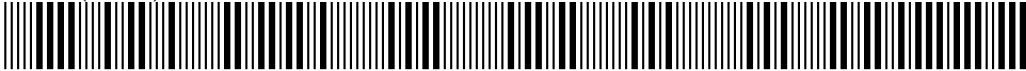
Row 2 (3 - 7)



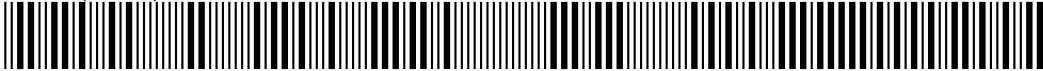
Row 3 (7 - 14)



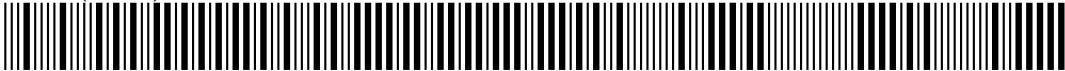
Row 4 (14 - 20)



Row 5 (21 - 28)



Row 6 (28 - 32)



Row 7 (32 - 37)



Row 8 (37 - 42)



Row 9 (43 - 47)



Row 10 (47 - 49)



Row 11 (49 - 53)



Row 12 (54 - 56)



HP-41C Sort Program SORT by George Istok PPC V7 N2 P41 Feb-Mar 1980

Program Registers Needed: 17

Row 1 (1 - 4)



Row 2 (4 - 6)



Row 3 (7 - 11)



Row 4 (12 - 19)



Row 5 (19 - 27)



Row 6 (28 - 35)



Row 7 (36 - 39)



Row 8 (40 - 45)



Row 9 (45 - 50)

