

HP-41C Letter to Number Program by Geoff Smith
PPC Calculator Journal V8 No 5 Pg 25 July 1981

```
01 LBL "L-N" ;Letter to Number (1-26) conversion
02 ARCL X
03 ASTO X
04 1.01
05 STO M
06 ARCL Y
07 >"AB"
08 E50
09 RCL N
10 X>Y?
11 SF 00
12 6
13 X<>Y
14 E
15 *
16 LOG
17 FS?C 00
18 +
19 40
20 -
21 CLA
22 END
```

002EC000F4004C2D4E9B739A73111A101191759B72F37F4142
1B1510907645A80016711B4256AA004014104187C0000D28

46 BYTES

HP-41C String Sorting Program by Geoff Smith
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```
01 LBL "A?B" ;Alphabetize Two Strings
02 CF 00
03 RCL IND 01
04 RCL IND 02
05 X=Y?
06 RTN
07 E
08 STO 05
09 9
10 STO 00
11 CLX
12 STO 03
13 STO 04
14 LBL 00
15 FIX IND 00
16 RCL 01
17 XEQ 05
18 ST+ 03
19 RCL 02
20 XEQ 05
21 ST+ 04
22 E1
23 ST* 05
24 DSE 00
25 RCL 04
26 RCL 03
27 X=Y?
28 GTO 00
29 X<=Y?
30 RTN
31 X<> IND 01
32 X<> IND 02
33 X<> IND 01
34 SF 00
35 RTN
```

```
36 LBL 05
37 "A"
38 ARCL 00
39 ARCL IND X
40 ASHF
41 ASHF
42 XEQ "L-N" ;Letter to Number Program
43 RCL 05
44 /
45 END
```

004EC000F400413F42A9009081908278851B35193077333401
9C8021E00005920322E0000592041B1194059700242378B100
4685CE81CE82CE81A8008506F1419B009BF388881EF34C2D4E
2543C0000D89

78 BYTES

HP-41C String Sorting Demo Program by Geoff Smith
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```
01 LBL "DEMO" ;String Sorting Demo Program
02 6
03 STO 01
04 7
05 STO 02
06 "STRING 1"
07 AON
08 STOP
09 ASTO 06
10 "STRING 2"
11 STOP
12 ASTO 07
13 CLA
14 ARCL 06
15 ">?"
16 ARCL 07
17 AVIEW
18 AOFF
19 XEQ "A?B" ;String Sorting Program
20 TONE 09
21 CLA
22 ARCL 06
23 RCL 06
24 RCL 07
25 X=Y?
26 ">="
27 X#Y?
28 ">"
29 ARCL 07
30 AVIEW
31 END
```

0049C000F50044454D4F16311732F8535452494E4720318C84
9A06F8535452494E472032849A07879B06F27F3F9B077E8B1E
F3413F429F09879B06262778F27F3D79F27F3C9B077EC0000D
75

73 BYTES

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Program Registers Needed: 7

Row 1 (1 - 4)



Row 2 (4 - 8)



Row 3 (9 - 18)



Row 4 (19 - 22)



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Program Registers Needed: 12

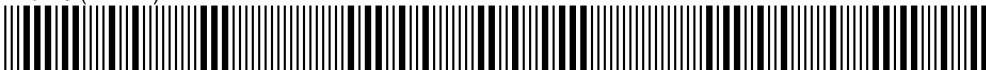
Row 1 (1 - 4)



Row 2 (5 - 16)



Row 3 (17 - 22)



Row 4 (23 - 31)



Row 5 (32 - 39)



Row 6 (39 - 45)



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Program Registers Needed: 11

Row 1 (1 - 6)



Row 2 (6 - 10)



Row 3 (10 - 14)



Row 4 (14 - 19)



Row 5 (20 - 28)



Row 6 (28 - 31)

