

HP-41C Star Trek Program EL/KL by John Rausch
PPC Calculator Journal V7 N2 P45 Feb-Mar 1980

```
01 LBL "EL" ;Enterprise Logic
02 0
03 RTN
04 LBL "KL" ;Klingon Logic
05 40
06 RCL 03
07 X>Y?
08 GTO 14
09 LBL 15
10 75
11 RCL 06
12 X>Y?
13 GTO 15
14 5
15 RCL 02
16 X<=Y?
17 GTO 04
18 2
19 RCL 01
20 X=Y?
21 GTO 01
22 40
23 RCL 03
24 X>Y?
25 GTO 03
26 GTO 01
27 LBL 15
28 20
29 RCL 03
30 X>Y?
31 GTO 05
32 GTO 03
33 LBL 14
34 69
35 RCL 03
36 X>Y?
37 GTO 13
38 RCL 04
39 X>Y?
40 GTO 15
41 5
42 RCL 02
43 X>Y?
44 GTO 05
45 2
46 RCL 01
47 X=Y?
48 GTO 04
49 25
50 RCL 06
51 X<=Y?
52 GTO 04
53 GTO 03
54 LBL 13
55 79
56 RCL 03
57 X>Y?
58 GTO 12
59 RCL 04
60 X>Y?
61 GTO 15
62 5
63 RCL 02
64 X>Y?
65 GTO 12
66 25
67 RCL 06
```

```
68 X<=Y?
69 GTO 04
70 2
71 RCL 01
72 X=Y?
73 GTO 04
74 LBL 12
75 10
76 RCL 02
77 X>Y?
78 GTO 05
79 2
80 RCL 01
81 X=Y?
82 GTO 02
83 GTO 03
84 LBL 01
85 1
86 RTN
87 LBL 02
88 2
89 RTN
90 LBL 03
91 3
92 RTN
93 LBL 04
94 4
95 RTN
96 LBL 05
97 5
98 END
```

```
0092C000F300454C1085C000F3004B4C14102345BF00CF0F17
152645D0000F152246B500122178B20014102345B400B200CF
0F12102345B600B4000F16192345BE002445D0000F152245B6
00122178B50012152646B500B4000E17192345BD002445D000
0F152245BD0012152646B500122178B5000D11102245B60012
2178B300B4000211850312850413850514850615C0000D1E
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146 BYTES

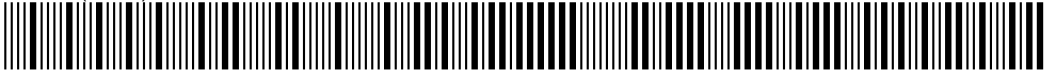
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Program Registers Needed: 21

Row 1 (1 - 4)



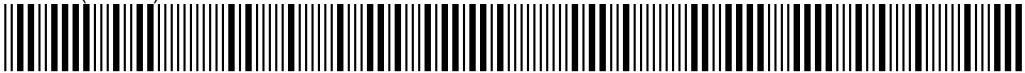
Row 2 (4 - 12)



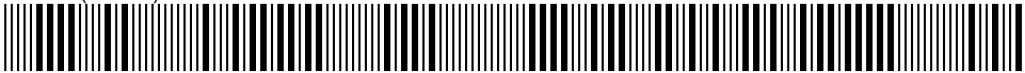
Row 3 (13 - 21)



Row 4 (22 - 29)



Row 5 (30 - 38)



Row 6 (39 - 48)



Row 7 (48 - 56)



Row 8 (57 - 65)



Row 9 (66 - 75)



Row 10 (75 - 84)



Row 11 (85 - 97)



Row 12 (98 - 99)

