

HP-41C Example Program SF #3 by Charlie Harris
PPC Calculator Journal V9 N1 P20 Jan-Feb 1982
Version 3 is compiled without any local labels

```
01 LBL "SF"      ;Speedy Factor Finder PPC V8N6P11
02 FIX 0
03 VIEW X
04 STO M
05 SQRT
06 STO O
07 CLX
08 STO N
09 2
10 XEQ 00        ;-->Line 41
11 1
12 XEQ 00        ;-->Line 41
13 2
14 XEQ 00        ;-->Line 41
15 2
16 XEQ 00        ;-->Line 41
17 4
18 XEQ 00        ;-->Line 41
19 2
20 XEQ 00        ;-->Line 41
21 4
22 XEQ 00        ;-->Line 41
23 2
24 XEQ 00        ;-->Line 41
25 4
26 XEQ 00        ;-->Line 41
27 6
28 XEQ 00        ;-->Line 41
29 2
30 XEQ 00        ;-->Line 41
31 6
32 XEQ 00        ;-->Line 41
33 RCL O
34 RCL N
35 X<Y?
36 GTO 00        ;-->Line 17
37 RCL M
38 TONE 7
39 VIEW X
40 STOP
41 ST+ N
42 RCL M
43 RCL N
44 MOD
45 X#0?
46 RTN
47 RCL M
48 LASTX
49 X=Y?
50 GTO 00        ;-->Line 37
51 ST/ M
52 TONE 3
53 VIEW X
54 RCL M
55 SQRT
56 STO O
57 LASTX
58 RCL N
59 MOD
60 X#0?
61 RTN
62 GTO 00        ;-->Line 41
63 END           ;<-Line 1
```

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0075C000F30053469C009873917552917777917612E8080011
E0080012E6070012EC060014E4060012EA050014E2050012E8
040014E0040016E6030012EC020016E402009077907644B1C5
90759F079873849276907590764B638590757678B19395759F
03987390755291777690764B6385B1E4C8102908

117 BYTES

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Program Registers Needed: 17

Row 1 (1 - 5)



Row 2 (6 - 12)



Row 3 (13 - 19)



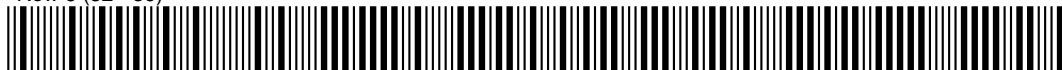
Row 4 (20 - 26)



Row 5 (26 - 32)



Row 6 (32 - 39)



Row 7 (39 - 47)



Row 8 (48 - 55)



Row 9 (56 - 63)



HEX 26784231453430303030 'B1E40000'



HEX CE86433831303239 'C81029'

