

HP-41C Example Program SF #1 by Charlie Harris
PPC Calculator Journal V9 N1 P19 Jan-Feb 1982
Program originally developed by E.J. Borrebach

```
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 01
11 1
12 XEQ 01
13 2
14 XEQ 01
15 2
16 XEQ 01
17 LBL 03
18 4
19 XEQ 01
20 2
21 XEQ 01
22 4
23 XEQ 01
24 2
25 XEQ 01
26 4
27 XEQ 01
28 6
29 XEQ 01
30 2
31 XEQ 01
32 6
33 XEQ 01
34 RCL O
35 RCL N
36 X<Y?
37 GTO 03
38 LBL 02
39 RCL M
40 TONE 7
41 VIEW X
42 STOP
43 LBL 01
44 ST+ N
45 RCL M
46 RCL N
47 MOD
48 X#0?
49 RTN
50 RCL M
51 LASTX
52 X=Y?
53 GTO 02
54 ST/ M
55 TONE 3
56 VIEW X
57 RCL M
58 SQRT
59 STO O
60 LASTX
61 RCL N
62 MOD
63 X#0?
64 RTN
65 GTO 01
66 END
```

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0078C000F30053469C009873917552917777917612E0000111
E0000112E0000112E000010414E0000112E0000114E0000112
E0000114E0000116E0000112E0000116E000019077907644B4
000390759F07987384029276907590764B638590757678B300
95759F03987390755291777690764B6385B200C0002F54

120 BYTES

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Program Registers Needed: 18

Row 1 (1 - 5)



Row 2 (6 - 12)



Row 3 (13 - 19)



Row 4 (20 - 26)



Row 5 (27 - 33)



Row 6 (33 - 40)



Row 7 (40 - 48)



Row 8 (49 - 56)



Row 9 (57 - 65)



Row 10 (66)

