

HP-41C Block Move Routine MV by John Kennedy
PPC Calculator Journal V7 N3 Pg 5 April 1980

```
01 LBL "MV" ;Block Move Routine
02 STO L
03 RDN
04 X>Y?
05 GTO 00
06 1
07 GTO 01
08 LBL 00
09 R^
10 ST+ Z
11 +
12 -1
13 ST+ Z
14 ST+ Y
15 LBL 01
16 RCL IND Z
17 STO IND Z
18 RDN
19 ST+ Z
20 ST+ Y
21 DSE L
22 GTO 01
23 RTN
```

0029C000F3004D5691747545B10011B20001749271401C1192
7192720290F191F175927192729774B2008561

41 BYTES

HP-41C Block Exchange Routine XC by John Kennedy
PPC Calculator Journal Vol 7 No 3 P5 April 1980

```
01 LBL "XC" ;Block Exchange Routine
02 STO L
03 CLX
04 1
05 LBL 00
06 RCL IND Z
07 X<> IND Z
08 STO IND T
09 RDN
10 ST+ Z
11 ST+ Y
12 DSE L
13 GTO 00
14 RTN
```

001BC000F3005843917477110190F1CEF191F0759271927297
74B1008575

27 BYTES

HP-41C Prime Divisor Routine by John Kennedy
PPC Calculator Journal V7 N3 Pg 6 April 1980

```
01 LBL "PD" ;Prime Divisor Routine
02 RCL Y
03 RCL Y
04 /
05 X<Y?
06 GTO 00
07 FRC
08 X=0?
09 GTO 01
10 CLX
11 2
12 X=Y?
13 DSE X
14 ABS
15 +
16 GTO "PD" ;Prime Divisor Routine (Line 1)
17 LBL 00
18 RDN
19 LBL 01
20 RDN
21 RTN
22 LBL "TP" ;Test for Primeness
23 VIEW X
24 2
25 XEQ "PD" ;Prime Divisor Routine (Line 1)
26 " NOT PRIME"
27 X=Y?
28 ASHF
29 AVIEW
30 RTN
31 LBL "GN" ;Generate Next Prime
32 1
33 LBL 02
34 2
35 ST+ Y
36 XEQ "PD" ;Prime Divisor Routine (Line 1)
37 X=Y?
38 VIEW X
39 RDN
40 GTO 02
41 LBL "PF" ;Prime Factors Routine
42 2
43 LBL 03
44 XEQ "PD" ;Prime Divisor Routine (Line 1)
45 VIEW X
46 X=Y?
47 RTN
48 ST/ Y
49 GTO 03
```

0068C000F3005044907290724344B1006967B2007712789773
61401DF250440175027585C000F30054509873121EF25044FB
20204E4F54205052494D4578887E85C000F300474E11031292
721EF2504478987375B300C000F300504612041EF250449873
78859572B40099

104 BYTES

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Program Registers Needed: 6

Row 1 (1 - 6)



Row 2 (7 - 14)



Row 3 (15 - 22)



Row 4 (22 - 23)



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Program Registers Needed: 4

Row 1 (1 - 6)



Row 2 (7 - 13)



Row 3 (14)



HP-41C Prime Divisor Routine by John Kennedy PPC V7 N3 P6 April 1980

Program Registers Needed: 15

Row 1 (1 - 6)



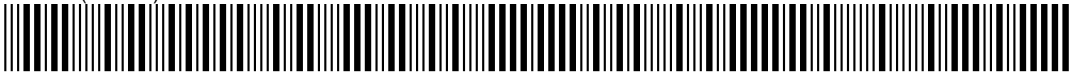
Row 2 (6 - 16)



Row 3 (16 - 22)



Row 4 (22 - 26)



Row 5 (26 - 31)



Row 6 (31 - 36)



Row 7 (37 - 42)



Row 8 (43 - 49)



Row 9 (49)

