

HP-41C Day of the Week Routine by Len Hantman  
PPC Calculator Journal V9 N4 P18 May-Jul 1982  
These routines require the use of the PPC ROM

```
01 LBL "DW" ;Day of the Week Example 1
02 CF 10
03 XROM 20,21 ;"CJ" - Calendar Date to Julian Day Number
04 7
05 MOD
06 1
07 +
08 "UARHEUO"
09 XROM 10,38 ;"NC" - Nth Character
10 LASTX
11 "SSFTWTM"
12 XROM 10,38 ;"NC" - Nth Character
13 ARCL Y
14 ASTO X
15 RTN
16 LBL "DW1" ;Day of the Week Example 2
17 CF 10
18 XROM 20,21 ;"CJ" - Calendar Date to Julian Day Number
19 7
20 MOD
21 "M"
22 X#0?
23 "TU"
24 DSE X
25 "W"
26 DSE X
27 "TH"
28 DSE X
29 "F"
30 DSE X
31 "SA"
32 DSE X
33 "SU"
34 RTN
35 LBL "DW2" ;Day of the Week Example 2
36 CF 10
37 XROM 20,21 ;"CJ" - Calendar Date to Julian Day Number
38 7
39 MOD
40 "USFHWTM"
41 LBL 00
42 X#0?
43 ASTO M
44 DSE X
45 GTO 00
46 ASHF
47 RTN
48 END
```

0075C000F3004457A90AA515174B1140F75541524845554FA2  
A676F75353465457544DA2A69B729A7385C000F400445731A9  
0AA515174BF14D63F254559773F1579773F254489773F14697  
73F253419773F2535585C000F400445732A90AA515174BF755  
53464857544D01639A759773B1008885C0000DB3

117 BYTES

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Program Registers Needed: 17

Row 1 (1 - 6)



Row 2 (7 - 11)



Row 3 (11 - 14)



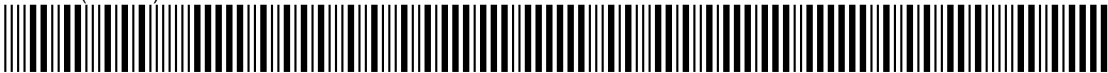
Row 4 (15 - 19)



Row 5 (20 - 26)



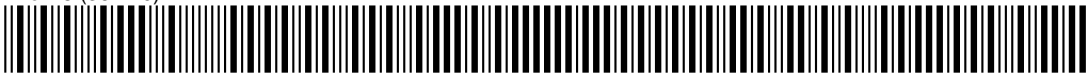
Row 6 (27 - 32)



Row 7 (32 - 36)



Row 8 (36 - 40)



Row 9 (41 - 48)

