

HP-41C Easter Date Calculated by Ed Borrebach
PPC Calculator Journal Vol 10 N3 P25 Apr 1983
Uses PPC ROM (CJ/JC) and is not fully correct

```
01 LBL "EST" ;Calculate Date of Easter
02 CF 10
03 FIX 0
04 "YEAR?"
05 LBL 01
06 PROMPT ;Enter Year (1900-2099)
07 3
08 ENTER
09 21
10 XROM 20,21 ;CJ - PPC ROM Calendar to Julian
11 STO 01
12 29.531 ;Approximation of Lunar Month
13 MOD
14 INT
15 19
16 -
17 X>0?
18 XEQ 02
19 ST- 01
20 6
21 RCL 01
22 INT
23 7
24 MOD
25 -
26 X=0?
27 7
28 RCL 01
29 +
30 XROM 20,22 ;JC - PPC ROM Julian to Calendar
31 GTO IND Y
32 LBL 03 ;Easter in March
33 " MARCH "
34 ARCL X
35 GTO 01
36 LBL 04 ;Easter in April
37 " APRIL "
38 ARCL X
39 GTO 01
40 LBL 02
41 29
42 -
43 END
```

005AC000F400455354A90A9C00F5594541523F028E13831211
A5153112191A1513114B6811194164E000029301162168174B
4167172140A516AE7204F7204D41524348209B73B20005F720
415052494C209B73B20003121941C0000D6A

90 BYTES

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Program Registers Needed: 13

Row 1 (1 - 4)



Row 2 (4 - 11)



Row 3 (12 - 18)



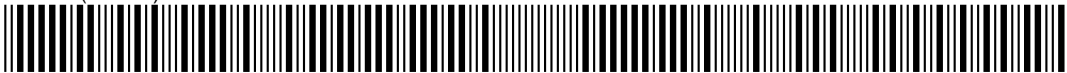
Row 4 (18 - 28)



Row 5 (29 - 33)



Row 6 (33 - 37)



Row 7 (37 - 43)

