

HP-41C Easter Date Calculated by Guy Gilbert Gendre
PPC Calculator Journal Volume 10 No 4 Pg 9 May 1983

```
01 LBL "EST2" ;Easter Date Calculated - 1900-2100
02 "YEAR?" ;For Gregorian CF 01 / Julian SF 01
03 PROMPT ;Enter Year to Calculate for Easter
04 LBL 01
05 STO 00
06 1
07 %
08 INT
09 STO 01
10 4
11 /
12 INT
13 RCL 01
14 3
15 /
16 INT
17 +
18 RCL 01
19 -
20 14
21 FC? 01
22 +
23 RCL 00
24 19
25 MOD
26 11
27 *
28 +
29 30
30 MOD
31 STO 02
32 RCL 00
33 19
34 MOD
35 11
36 /
37 INT
38 30
39 +
40 RCL 02
41 -
42 30
43 /
44 INT
45 FC? 01
46 ST+ 02
47 RCL 02
48 RCL 00
49 7
50 MOD
51 4
52 *
53 +
54 RCL 00
55 4
56 MOD
57 2
58 *
59 +
60 FS? 01
61 GTO 02
62 RCL 01
63 7
64 MOD
65 6
66 *
67 +
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68 RCL 01
69 4
70 MOD
71 2
72 *
73 +
74 3
75 LBL 02
76 FS? 01
77 5
78 +
79 7
80 MOD
81 RCL 02
82 -
83 50
84 +
85 RCL X
86 31
87 MOD
88 1
89 +
90 FIX 0
91 X>Y?
92 "MAR "      ;Easter in March
93 X<=Y?
94 "APR "      ;Easter in April
95 ARCL X
96 ">" "      ;Append 1 space
97 ARCL 00
98 TONE 9
99 PROMPT      ;Display Date for Easter
100 RCL 00
101 1
102 +
103 GTO 01
104 END          ;150 BYTES

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0096C000F50045535432F5594541523F8E0230114C68311443
68211343684021411114AD01402011194B1111424013104B32
2011194B11114368131040224113104368AD0192022220174B
14424020144B124240AC01B30021174B16424021144B124240
1303AC011540174B2241151040907313114B11409C0045F44D
41522046F4415052209B73F27F209B009F098E201140B200C0
000D3B

```

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Program Registers Needed: 22

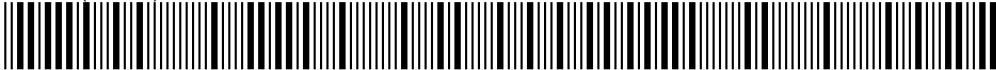
Row 1 (1 - 2)



Row 2 (2 - 14)



Row 3 (15 - 24)



Row 4 (25 - 34)



Row 5 (35 - 44)



Row 6 (45 - 55)



Row 7 (56 - 66)



Row 8 (67 - 78)



Row 9 (79 - 88)



Row 10 (89 - 94)



Row 11 (94 - 100)



Row 12 (101 - 104)

