

HP-41C A Fast Calendar Printer by Roger Hill  
PPC Calculator Journal V7 N6 P15 Jul/Aug 1980

```
01 LBL "CAL" ;Fast Calendar Printing Program
02 "START YEAR?"
03 PROMPT
04 INT
05 X<=0?
06 LN
07 STO 01
08 .23
09 -
10 STO 00
11 CLX
12 "MONTH?(0-12)"
13 PROMPT
14 ABS
15 INT
16 ENTER
17 X=0?
18 SIGN
19 STO 02
20 12
21 STO 03
22 X<Y?
23 ASIN
24 /
25 ST+ 00
26 X>Y?
27 GTO 10
28 SIGN
29 "NO. MONTHS?"
30 PROMPT
31 INT
32 STO 03
33 LBL 10
34 XROM 29,10 ;PRBUF
35 FIX 0
36 CF 29
37 .012
38 ST+ 02
39 31
40 RCL 00
41 *
42 INT
43 RCL 00
44 INT
45 STO 00
46 1
47 %
48 INT
49 .75
50 ST* 00
51 *
52 +
53 -
54 INT
55 RCL 00
56 -
57 INT
58 3
59 +
60 7 E-5
61 +
62 STO 00
63 LBL 20
64 SF 12
65 CLX
66 ADV
67 XEQ IND 02
```

```
68 GTO 13
69 LBL 01
70 "JAN"
71 RTN
72 LBL 03
73 "MAR"
74 RTN
75 LBL 05
76 "MAY"
77 RTN
78 LBL 07
79 "JUL"
80 RTN
81 LBL 08
82 "AUG"
83 RTN
84 LBL 10
85 "OCT"
86 RTN
87 LBL 12
88 "DEC"
89 RTN
90 LBL 04
91 "APR"
92 SIGN
93 RTN
94 LBL 06
95 "JUN"
96 SIGN
97 RTN
98 LBL 09
99 "SEP"
100 SIGN
101 RTN
102 LBL 11
103 "NOV"
104 SIGN
105 RTN
106 LBL 02
107 "FEB"
108 SIGN
109 RCL 01
110 %
111 ENTER
112 INT
113 X#Y?
114 RCL 01
115 4
116 MOD
117 X#0?
118 SIGN
119 2
120 +
121 RTN
122 LBL 13
123 XROM 29,01 ;ACA
124 RCL 01
125 XROM 29,05 ;ACX
126 2
127 XROM 29,22 ;SKPCHR
128 ADV
129 CF 12
130 24
131 R^
132 -
133 RCL 00
134 7
135 MOD
136 +
137 STO 00
```

```
138 " SU MO TU WE"
139 ">" TH FR SA"
140 XROM 29,08 ;PRA
141 3
142 LASTX
143 *
144 XROM 29,22 ;SKPCHR
145 " " ;1 space
146 XROM 29,01 ;ACA
147 9 E-3
148 SF 10
149 GTO IND L
150 LBL 14
151 GTO IND Z
152 LBL 00
153 ISG X
154 XROM 29,01 ;ACA
155 XROM 29,05 ;ACX
156 LBL 01
157 ISG X
158 XROM 29,01 ;ACA
159 XROM 29,05 ;ACX
160 LBL 02
161 ISG X
162 XROM 29,01 ;ACA
163 XROM 29,05 ;ACX
164 LBL 03
165 ISG X
166 XROM 29,01 ;ACA
167 XROM 29,05 ;ACX
168 LBL 04
169 ISG X
170 XROM 29,01 ;ACA
171 XROM 29,05 ;ACX
172 LBL 05
173 ISG X
174 XROM 29,01 ;ACA
175 XROM 29,05 ;ACX
176 LBL 06
177 ISG X
178 XROM 29,01 ;ACA
179 XROM 29,05 ;ACX
180 XROM 29,10 ;PRBUF
181 XROM 29,01 ;ACA
182 DSE Z
183 GTO 00
184 FS?C 10
185 GTO 14
186 ISG 02
187 GTO 10
188 12
189 ST- 02
190 ISG 01
191 LBL 10
192 DSE 03
193 GTO 20
194 ADV
195 ADV
196 ADV
197 ADV
198 ADV
199 END
```

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0175C000F40043414CFB535441525420594541523F8E687B50  
311A1213413077FC4D4F4E54483F28302D3132298E61688367  
7A321111233445C43920045BB007AFB4E4F2E204D4F4E544853  
3F8E68330BA74A9C00A91D1A10111292021311204268206830  
114C681A17159400424041682041681340171B1C154030CF14  
A80C778FAE82BE0002F34A414E8504F34D41528506F34D4159  
8508F34A554C8509F3415547850BF34F4354850DF344454385  
05F34150527A8507F34A554E7A850AF35345507A850CF34E4F  
567A8503F34645427A214C83687921144B637A1240850EA741  
21A74512A7568FA90C1214744120174B4030FD20205355204D  
4F205455205745FA7F205448204652205341A748137642A756  
F120A741191B1C13A80AAE740FAE71019673A741A745029673  
A741A745039673A741A745049673A741A745059673A741A745  
069673A741A745079673A741A745A74AA7419771B100AA0ABF  
009602BB001112930296010B9703D000148F8F8F8F8FC0000D  
DC

373 BYTES

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Program Registers Needed: 54

Row 1 (1 - 2)



Row 2 (2 - 8)



Row 3 (8 - 12)



Row 4 (12 - 20)



Row 5 (21 - 29)



Row 6 (29 - 33)



Row 7 (34 - 39)



Row 8 (39 - 49)



Row 9 (50 - 60)



Row 10 (60 - 68)



Row 11 (68 - 74)



Row 12 (75 - 81)



Row 13 (82 - 88)



Row 14 (88 - 95)



Row 15 (95 - 102)



Row 16 (103 - 109)



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Row 17 (110 - 122)



Row 18 (123 - 130)



Row 19 (131 - 138)



Row 20 (138 - 139)



Row 21 (139 - 144)



Row 22 (145 - 150)



Row 23 (151 - 158)



Row 24 (158 - 165)



Row 25 (166 - 173)



Row 26 (173 - 180)



Row 27 (180 - 186)



Row 28 (187 - 193)



Row 29 (193 - 199)

