

HP-41C Hangman Subroutine "HM" by John Rausch
PPC Calculator Journal V7 N2 P43 Feb-Mar 1980

01 LBL "HM" ;Hangman Main Routine

02 FIX 0

03 CF 23

04 CF 29

05 SF 05

06 LBL 00

07 XEQ "EW" ;Extract Word

08 CLX

09 STO 12

10 9

11 1/X

12 10

13 RCL 00

14 -

15 10^X

16 *

17 FRC

18 STO 11

19 CLA

20 ARCL 00

21 >" LTRS"

22 LBL 01

23 AON

24 AVIEW

25 LBL 02

26 PSE

27 FC?C 23

28 GTO 02

29 ASTO X

30 AVIEW

31 "*" ;1 asterisk

32 ASTO Y

33 X=Y?

34 GTO 08

35 STO 14

36 RCL 00

37 1 E3

38 /

39 1

40 +

41 STO 13

42 CF 06

43 CLA

44 LBL 03

45 10

46 ST* 11

47 RCL 11

48 INT

49 X<>Y

50 /

51 FRC

52 X#0?

53 GTO 04

54 ARCL IND 13

55 GTO 06

56 LBL 04

57 RCL IND 13

58 RCL 14

59 X=Y?

60 GTO 05

61 >"*" ;Append 1 asterisk

62 GTO 06

63 LBL 05

64 SF 06

65 1

66 ST- 11

67 ARCL IND 13

```

68 LBL 06
69 AVIEW
70 ISG 13
71 GTO 03
72 RCL 11
73 X=0?
74 GTO 07
75 RCL 00
76 10^X
77 /
78 STO 11
79 1
80 FC?C 06
81 ST+ 12
82 7
83 RCL 12
84 X=Y?
85 GTO 08
86 32
87 +
88 LASTX
89 >" " ;Append 1 space
90 X#Y?
91 ARCL IND Y
92 GTO 01
93 LBL 07
94 BEEP
95 GTO 00
96 LBL 08
97 CLA
98 RCL 00
99 0
100 LBL 09
101 X=Y?
102 GTO 10
103 1
104 +
105 ARCL IND X
106 GTO 09
107 LBL 10
108 AVIEW
109 PSE
110 "HANGED"
111 AVIEW
112 GTO 00
113 END

```

```

00B3C000F300484D9C00A917A91DA805011EF24557773C1960
111020415742693B879B00F67F204C545253028C7E0389AB17
B3009A737EF12A9A7278B9003E20111B134311403DA9068704
1110940B2B6871436963B5009B8DB70005908D2E78B600F27F
2AB70006A80611930B9B8D077E960DB4002B67B8002057433B
11AB06920C172C78B90013124076F27F20799BF2B2000886B1
00098720100A78BB0011409BF3BA000B7E89F648414E474544
7EB100C0000D4B

```

```

179 BYTES

```

HP-41C Hangman Subroutine "BC" by John Rausch
PPC Calculator Journal V7 N2 P43 Feb-Mar 1980

```
01 LBL "BC" ;Build Characters Routine
02 96
03 XEQ 01
04 STO 33
05 6
06 XEQ 01
07 STO 34
08 4
09 XEQ 01
10 STO 35
11 5
12 XEQ 01
13 STO 36
14 1
15 XEQ 01
16 STO 37
17 64
18 XEQ 01
19 STO 38
20 RTN
21 LBL 01
22 0
23 X<>Y
24 XROM 29,06 ;BLDSPEC
25 END
```

0035C000F30042431916E00001912116E00001912214E00001
912315E00001912411E0000191251614E00001912685021071
A746C0000D59

53 BYTES

HP-41C Hangman Subroutine "BW" by John Rausch
PPC Calculator Journal V7 N2 P43 Feb-Mar 1980

```
01 LBL "BW" ;Build Words Routine
02 FIX 0
03 CF 23
04 CF 29
05 1.016
06 STO 00
07 STO Z
08 AON
09 CLA
10 ASTO Y
11 LBL 00
12 ARCL Z
13 ">?" ;Append 1 question mark
14 PROMPT
15 FC?C 23
16 GTO 01
17 ASTO IND Z
18 ASHF
19 ASTO X
20 X#Y?
21 GTO 02
22 ISG Z
23 GTO 00
24 LBL 01
25 RCL 00
26 XROM 30,08 ;WDTAX
27 RTN
28 LBL 02
29 ">6" ;Greater than 6 chars
30 AVIEW
31 PSE
32 CLA
```

33 GTO 00
34 END

0040C000F30042579C00A917A91D111A1011163091718C879A
72019B71F27F3F8EAB17B2009AF1889A7379B3009671B10002
20A7888503F23E367E8987B100C0000D6F

64 BYTES

HP-41C Hangman Subroutine "EW" by John Rausch
PPC Calculator Journal V7 N2 P43 Feb-Mar 1980

01 LBL "EW" ;Extract Word Routine
02 CLX
03 STO 00
04 FS?C 05
05 GTO 02
06 LBL 00
07 " " ;5 spaces
08 ARCL IND 16
09 ASTO X
10 ASHF
11 ASTO IND 16
12 " " ;1 space
13 ARCL X
14 ASHF
15 ASTO X
16 CLA
17 ASTO Y
18 X=Y?
19 GTO 01
20 "." ;1 period
21 ASTO Y
22 X=Y?
23 GTO 03
24 ":" ;1 colon
25 ASTO Y
26 X=Y?
27 RTN
28 ISG 00
29 .
30 STO IND 00
31 GTO 00
32 LBL 01
33 ISG 16
34 GTO 00
35 LBL 02
36 17.032
37 STO 16
38 CLD
39 XROM 30,03 ;RDTAX
40 GTO 00
41 LBL 03
42 SF 05
43 END

0054C000F30045577730AA05B30001F520202020209B909A73
889A90F1209B73889A73879A7278B200F12E9A7278B400F13A
9A72788596001A9180B100029610B1000311171A1013129110
7FA783B10004A805C0000DE6

84 BYTES

HP-41C Hangman Program WORDS1 by John Rausch
PPC Calculator Journal V7 N2 P43 Feb-Mar 1980

```
01 LBL "WORDS1" ;Load first set of words
02 AON
03 "LOADING REGS"
04 PSE
05 AOFF
06 "CASTLE"
07 ASTO 00
08 ":FIRET"
09 ASTO 01
10 "RUCK:K"
11 ASTO 02
12 "HAKI:C"
13 ASTO 03
14 "HIPMUN"
15 ASTO 04
16 "K:SAVV"
17 ASTO 05
18 "Y:AMID"
19 ASTO 06
20 "SHIPS:"
21 ASTO 07
22 "ARCTIC"
23 ASTO 08
24 ":JOURN"
25 ASTO 09
26 "AL:DIV"
27 ASTO 10
28 "ISION:"
29 ASTO 11
30 "FROSTB"
31 ASTO 12
32 "ITE:PI"
33 ASTO 13
34 "LLBOX:"
35 ASTO 14
36 "BULLY."
37 ASTO 15
38 AON
39 "DONE"
40 PSE
41 AOFF
42 END
```

00B5C000F700574F524453318CFC4C4F4144494E4720524547
53898BF6434153544C459A00F63A46495245549A01F6525543
4B3A4B9A02F648414B493A439A03F64849504D554E9A04F64B
3A534156569A05F6593A414D49449A06F653484950533A9A07
F64152435449439A08F63A4A4F55524E9A09F6414C3A444956
9A0AF64953494F4E3A9A0BF646524F5354429A0CF64954453A
50499A0DF64C4C424F583A9A0EF642554C4C592E9A0F8CF444
4F4E45898BC0000DB9

181 BYTES

HP-41C Hangman Program WORDS2 by John Rausch
PPC Calculator Journal V7 N2 P43 Feb-Mar 1980

```
01 LBL "WORDS2" ;Load Second Set of Words
02 AON
03 "LOADING REGS"
04 PSE
05 AOFF
06 "EQUINO"
07 ASTO 00
08 "X:POLY"
09 ASTO 01
10 "NOMIAL"
11 ASTO 02
12 " :STIPU"
13 ASTO 03
14 "LATE:L"
15 ASTO 04
16 "ATTICE"
17 ASTO 05
18 " :SYMME"
19 ASTO 06
20 "TRY:KN"
21 ASTO 07
22 "OTHOLE"
23 ASTO 08
24 " :PURSU"
25 ASTO 09
26 "IT:TOR"
27 ASTO 10
28 "US:REF"
29 ASTO 11
30 "EREE:B"
31 ASTO 12
32 "UZZARD"
33 ASTO 13
34 " :CHEWA"
35 ASTO 14
36 "BLE."
37 ASTO 15
38 AON
39 "DONE"
40 PSE
41 AOFF
42 END
```

```
00B3C000F700574F524453328CFC4C4F4144494E4720524547
53898BF6455155494E4F9A00F6583A504F4C599A01F64E4F4D
49414C9A02F63A53544950559A03F64C4154453A4C9A04F641
54544943459A05F63A53594D4D459A06F65452593A4B4E9A07
F64F54484F4C459A08F63A50555253559A09F649543A544F52
9A0AF655533A5245469A0BF6455245453A429A0CF6555A5A41
52449A0DF63A43484557419A0EF4424C452E9A0F8CF4444F4E
45898BC0000D95
```

179 BYTES

HP-41C Hangman Program HM by John Rausch PPC V7 N2 P43 Feb-Mar 1980

Program Registers Needed: 26

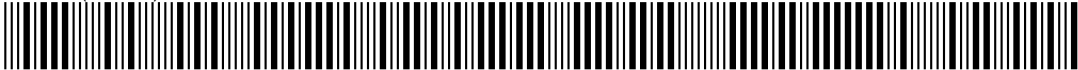
Row 1 (1 - 5)



Row 2 (5 - 13)



Row 3 (14 - 21)



Row 4 (21 - 29)



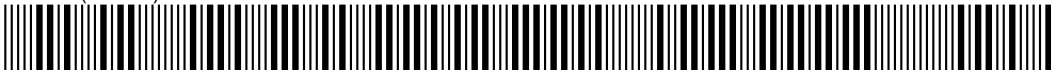
Row 5 (30 - 37)



Row 6 (38 - 47)



Row 7 (48 - 57)



Row 8 (57 - 64)



Row 9 (65 - 73)



Row 10 (74 - 83)



Row 11 (84 - 91)



Row 12 (92 - 102)



Row 13 (102 - 110)



Row 14 (110 - 113)



HP-41C Hangman Program BC by John Rausch PPC V7 N2 P43 Feb-Mar 1980

Program Registers Needed: 8

Row 1 (1 - 4)



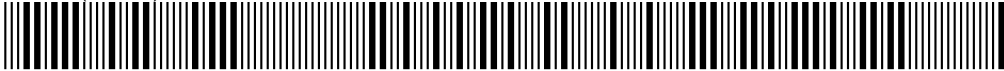
Row 2 (5 - 11)



Row 3 (12 - 17)



Row 4 (18 - 25)



Row 5 (25)



HP-41C Hangman Program BW by John Rausch PPC V7 N2 P43 Feb-Mar 1980

Program Registers Needed: 10

Row 1 (1 - 5)



Row 2 (5 - 12)



Row 3 (12 - 19)



Row 4 (19 - 27)



Row 5 (28 - 34)



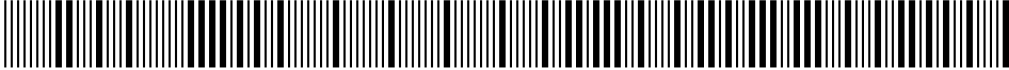
HP-41C Hangman Program EW by John Rausch PPC V7 N2 P43 Feb-Mar 1980

Program Registers Needed: 12

Row 1 (1 - 6)



Row 2 (7 - 11)



Row 3 (12 - 19)



Row 4 (20 - 27)



Row 5 (28 - 35)



Row 6 (36 - 40)



Row 7 (41 - 43)



HP-41C Hangman WORDS1 by John Rausch PPC V7 N2 P43 Feb-Mar 1980

Program Registers Needed: 26

Row 1 (1 - 3)



Row 2 (3 - 5)



Row 3 (6 - 8)



Row 4 (8 - 11)



Row 5 (11 - 14)



Row 6 (14 - 16)



Row 7 (17 - 20)



Row 8 (20 - 22)



Row 9 (22 - 26)



Row 10 (26 - 28)



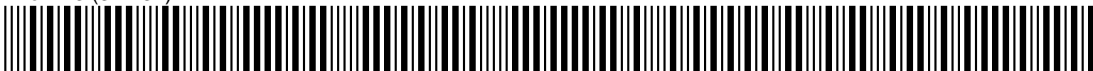
Row 11 (28 - 31)



Row 12 (32 - 34)



Row 13 (34 - 37)



Row 14 (37 - 42)



HP-41C Hangman WORDS2 by John Rausch PPC V7 N2 P43 Feb-Mar 1980

Program Registers Needed: 26

Row 1 (1 - 3)



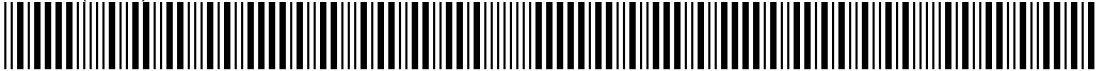
Row 2 (3 - 5)



Row 3 (6 - 8)



Row 4 (8 - 11)



Row 5 (11 - 14)



Row 6 (14 - 16)



Row 7 (17 - 20)



Row 8 (20 - 22)



Row 9 (22 - 26)



Row 10 (26 - 28)



Row 11 (28 - 31)



Row 12 (32 - 34)



Row 13 (34 - 38)



Row 14 (39 - 42)

