

HP-41C 2Q - Short LB Routine by Bruce Bailey
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01 LBL "2Q" - A Short "LB" Routine
02 STO L
03 CF 22
04 CF 23
05 CLX
06 STO 00
07 LBL 00
08 "BYTE?"
09 AVIEW
10 CLA
11 CLX
12 STOP
13 RCL L
14 FS?C 22
15 GTO 01
16 FC?C 23
17 GTO 02
18 >"\00\06****" ;Append 0006 hex, 3 asterisks
19 0
20 STO N
21 >"*****" ;Append 4 asterisks
22 RDN
23 STO M
24 RCL N
25 FRC
26 9
27 LASTX
28 INT
29 30
30 -
31 X>Y?
32 DSE X
33 16
34 *
35 9
36 R^
37 E2
38 *
39 30
40 -
41 X>Y?
42 DSE X
43 R^
44 +
45 RCL M
46 STO L
47 LBL 01
48 X<>Y
49 ISG 00
50 "" ;F0=null string (NOP)
51 STO IND 00
52 6
53 RCL 00
54 X<=Y?
55 GTO 00
56 R^
57 CLA
58 LBL 02
59 RCL IND 00
60 ABS
61 INT
62 256
63 MOD
64 X=0?
65 >"\00" ;Append 1 null
66 1.1
67 STO N
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68 RDN
69 OCT
70 E3
71 +
72 LASTX
73 /
74 X<> d
75 CF 07
76 FS? 10
77 SF 00
78 FS? 11
79 SF 01
80 FS? 13
81 SF 02
82 FS? 14
83 SF 03
84 FS? 15
85 SF 04
86 FS? 17
87 SF 05
88 FS? 18
89 SF 06
90 FS? 19
91 SF 07
92 X<> d
93 X<> M
94 >"*" ;Append 1 asterisk
95 STO M
96 ARCL N
97 RDN
98 DSE 00
99 GTO 02
100 AOFF
101 RCL M
102 "\38\00\84\88" ;Character 8, 1 null, 8488 hex
103 RCL M
104 X<>Y
105 RCL Z
106 STOP
107 END

```

```

00C2C000F30032519174A916A917773001F5425954453F7E87
77849074AA16B200AB17B300F67F00062A2A2A109176F57F2A
2A2A2A75917590766919766813104145977311164219741B12
4213104145977374409075917402719600F09180162046B100
748703908061681215164B67F27F00111A119176756F1B1340
7643CE7EA907AC0AA800AC0BA801AC0DA802AC0EA803AC0FA8
04AC11A805AC12A806AC13A807CE7ECE75F27F2A91759B7675
9700B3008B9075F438008488907571907184C0000D86

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194 BYTES

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Program Registers Needed: 28

Row 1 (1 - 5)



Row 2 (6 - 13)



Row 3 (13 - 18)



Row 4 (18 - 22)



Row 5 (23 - 32)



Row 6 (32 - 41)



Row 7 (42 - 50)



Row 8 (51 - 60)



Row 9 (61 - 67)



Row 10 (67 - 76)



Row 11 (76 - 82)



Row 12 (83 - 89)



Row 13 (89 - 95)



Row 14 (95 - 102)



Row 15 (102 - 107)

