

HP-41C HP-11C Random Number Simulator by Webb Simmons
PPC Calculator Journal Volume 9 No 4 P17 May-Jul 1982

```
01 LBL "HP11RN"      ;Simulation of HP11 Random Numbers
02 LBL E              ;Version 1.0 does not ask for seed
03 "STD SEQUENCE"
04 AVIEW
05 0
06 XEQ 01
07 LBL 05
08 XEQ 02
09 CHS
10 RCL 00
11 Y^X
12 X>Y?
13 X>Y?
14 X<Y?
15 AVIEW
16 LBL 01
17 1
18 X>Y?
19 GTO 06
20 10^X
21 /
22 GTO 01
23 LBL 06
24 RDN
25 STO 00
26 15743
27 STO 03
28 .52261
29 STO 04
30 -.8982019567
31 STO 05
32 SF 00
33 SCI 09
34 RTN
35 LBL B
36 "GET 1 RN"
37 AVIEW
38 LBL 02
39 FS? 00
40 GTO 07
41 0
42 XEQ 01
43 LBL 07
44 1
45 ENTER
46 ENTER
47 RCL 00
48 1 E5
49 *
50 ENTER
51 INT
52 STO 01
53 -
54 STO 02
55 RCL 03
56 *
57 FRC
58 RCL 01
59 RCL 04
60 *
61 +
62 FRC
63 RCL 02
64 RCL 04
65 *
66 1
67 -
```

```

68 +
69 X<0?
70 +
71 RCL 05
72 +
73 X<0?
74 +
75 STO 00
76 XROM 29,20 ;PRX
77 RTN
78 END

```

```

0092C000F70048503131524ECF6AFC5354442053455155454E
43457E10E0000106E000025420534545447E021145B7005743
B2000775301115171413331A1512121611341C1A1819181210
111915161735A8009D0985CF67F8474554203120524E7E03AC
00B80010E000010811838320111B1542836831413223426921
2442406922244211414066402540664030A75485C0000DD3

```

146 BYTES

HP-41C HP-11C Random Number Simulator by Webb Simmons
 PPC Calculator Journal Volume 9 No 4 P17 May-Jul 1982

```

01 LBL "HP11RN"      ;Simulation of HP11 Random Numbers
02 LBL E              ;Version 2.0 allows seed to be set
03 "STD SEQUENCE"
04 AVIEW
05 0
06 XEQ 01
07 LBL 05
08 XEQ 02
09 GTO 05
10 LBL A
11 "SET SEED"
12 AVIEW
13 LBL 01
14 1
15 X>Y?
16 GTO 06
17 10^X
18 /
19 GTO 01
20 LBL 06
21 RDN
22 STO 00
23 15743
24 STO 03
25 .52261
26 STO 04
27 -.8982019567
28 STO 05
29 SF 00
30 SCI 09
31 RTN
32 LBL B
33 "GET 1 RN"
34 AVIEW
35 LBL 02
36 FS? 00
37 GTO 07
38 0
39 XEQ 01
40 LBL 07
41 1
42 ENTER
43 ENTER
44 RCL 00
45 1 E5

```

```

46 *
47 ENTER
48 INT
49 STO 01
50 -
51 STO 02
52 RCL 03
53 *
54 FRC
55 RCL 01
56 RCL 04
57 *
58 +
59 FRC
60 RCL 02
61 RCL 04
62 *
63 1
64 -
65 +
66 X<0?
67 +
68 RCL 05
69 +
70 X<0?
71 +
72 STO 00
73 XROM 29,20 ;PRX
74 RTN
75 END

```

```

009DC600F70048503131524ECF6AFC5354442053455155454E
43457E10E0000106E00002B600CF66F853455420534545447E
021145B7005743B2000775301115171413331A151212161134
1C1A1819181210111915161735A8009D0985CF67F847455420
3120524E7E03AC00B80010E000810811838320111B15428368
314132234269212442406922244211414066402540664030A7
548500000000C0162D15

```

157 BYTES

HP-41C Random Numbers V1 by Webb Simmons PPC V9 N4 P17 May-Jul 1982

Program Registers Needed: 21

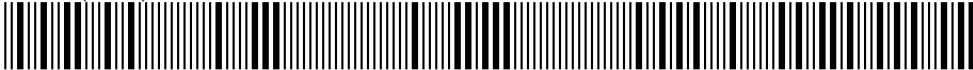
Row 1 (1 - 3)



Row 2 (3 - 4)



Row 3 (5 - 13)



Row 4 (14 - 24)



Row 5 (25 - 28)



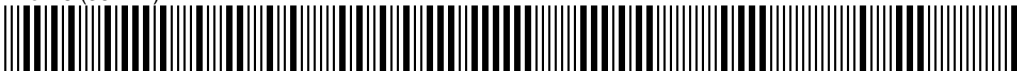
Row 6 (29 - 30)



Row 7 (31 - 36)



Row 8 (36 - 42)



Row 9 (42 - 52)



Row 10 (53 - 65)



Row 11 (66 - 77)



Row 12 (78)



HP-41C Random Numbers V2 by Webb Simmons PPC V9 N4 P17 May-Jul 1982

Program Registers Needed: 23

Row 1 (1 - 3)



Row 2 (3 - 4)



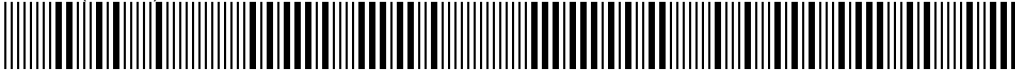
Row 3 (5 - 11)



Row 4 (11 - 16)



Row 5 (16 - 23)



Row 6 (24 - 27)



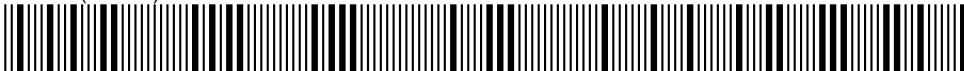
Row 7 (27 - 31)



Row 8 (32 - 35)



Row 9 (36 - 44)



Row 10 (45 - 55)



Row 11 (56 - 68)



Row 12 (69 - 75)



Row 13 (75)

