

HP-41C Synthetic Store Routine #1A by John McGechie
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```
01 LBL 01      ;Data Packing Storage Routine #1A
02 CLA
03 E6
04 +
05 X<> M
06 >"1"
07 STO N
08 >"123"
09 RDN
10 E6
11 +
12 X<> M
13 X<> N
14 >"1"
15 STO N
16 >"123"
17 X<> N
18 CLA
19 X<> M
20 ASTO 00
21 RTN
22 END
```

002E02871B1640CE75F27F319176F47F313233751B1640CE75
CE76F27F319176F47F313233CE7687CE759A0085CC2C0D6E

46 BYTES

HP-41C Synthetic Store Routine #1B by John McGechie
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```
01 LBL 01      ;Data Packing Storage Routine #1B
02 CLA
03 STO M
04 RDN
05 E6
06 ST+ M
07 >"1"
08 CLX
09 STO N
10 >"123"
11 RDN
12 STO M
13 E6
14 ST+ M
15 CLX
16 X<> N
17 >"1"
18 STO N
19 >"123"
20 X<> N
21 CLA
22 X<> M
23 ASTO 00
24 RTN
25 END
```

003302879175751B169275F27F31779176F47F313233759175
1B16927577CE76F27F319176F47F313233CE7687CE759A0085
CC2C0DEA

51 BYTES

```
01 LBL 02      ;Data Packing Storage Routine #2
02 X<>Y
03 XEQ 00
04 RDN
05 XEQ 00
06 >"123"
07 STO M
08 >"123"
09 X<> N
10 CLA
11 STO M
12 ASTO 00
13 RTN
14 LBL 00
15 E6
16 +
17 X<> M
18 >"\00"      ;Append 1 null
19 STO N
20 RTN
21 END
```

002C0371E00000075E00000F47F3132339175F47F313233CE76
8791759A0085011B1640CE75F27F00917685C0000D5C

44 BYTES

```
01 LBL 03      ;Data Packing Storage Routine #2
02 STO M
03 ABS
04 RDN
05 STO N
06 E6
07 ST+ M
08 ST+ N
09 >"1"
10 CLX
11 X<> N
12 >"123"
13 X<> M
14 >"123"
15 X<> N
16 X<> M
17 ASHF
18 ASHF
19 ASTO 00
20 RDN
21 LASTX
22 RTN
23 END
```

002D049175617591761B1692759276F27F3177CE76F47F3132
33CE75F47F313233CE76CE7588889A00757685C0000D74

45 BYTES

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Program Registers Needed: 7

Row 1 (1 - 8)



Row 2 (8 - 14)



Row 3 (14 - 19)



Row 4 (19 - 22)



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Program Registers Needed: 8

Row 1 (1 - 8)



Row 2 (9 - 14)



Row 3 (14 - 19)



Row 4 (19 - 25)



HP-41C Synthetic Storage #2 by John McGechie PPC V8 N4 P19 June 1981

Program Registers Needed: 7

Row 1 (1 - 6)



Row 2 (6 - 11)



Row 3 (12 - 19)



Row 4 (19 - 21)



HP-41C Synthetic Storage #3 by John McGechie PPC V8 N4 P19 June 1981

Program Registers Needed: 7

Row 1 (1 - 8)



Row 2 (9 - 13)



Row 3 (14 - 19)



Row 4 (20 - 23)

