

```
1: ClrHome
2: Disp "STEM 10","COPYRIGHT 2012","ROGER PALAY"
3: Input "DATA LIST:",LITEM
4: dim(LITEM)→A
5: SortA(LITEM)
6: Disp "LOW VALUE:",LITEM(1)
7: If LITEM(1)<0
8: Then
9: Disp "DOES NOT WORK ON","NEGATIVE VALUES"
10: Stop
11: End
12: Disp "HIGH VALUE:",LITEM(A)
13: Disp "NUM VALUE:"
14: Pause A
15: LITEM(1)→I
16: iPart(I/10)→S
17: S→Z
18: prgmTOSTR
19: 1→R
20: ClrHome
21: Str9+": "→Str1
22: I-S*10→D
23: Str1+sub(Str8,D+1,1)→Str1
24: 2→J
25: Lbl 10
26: LITEM(J)→I
27: iPart(I/10)→K
28: If K≠S
29: Then
30: Lbl 20
31: length(Str1)→L
32: If L>15
33: Then
34: Disp sub(Str1,1,15)
35: " "+sub(Str1,16,L-15)→Str1
36: Goto 20
37: End
38: Pause Str1
39: K→Z
40: K→S
41: prgmTOSTR
42: Str9+": "→Str1
43: End
44: I-S*10→D
45: Str1+sub(Str8,D+1,1)→Str1
46: J+1→J
47: If J≤A
48: Goto 10
49: Lbl 30
```

```
50: length(Str1)→L
51: If L>15
52: Then
53: Disp sub(Str1,1,15)
54: "    "+sub(Str1,16,L-15)→Str1
55: Goto 30
56: End
57: Pause Str1
58: Disp "COMPLETED"
59: Stop
```