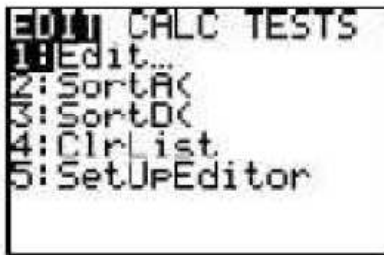


Calculator Guide for Chapter 1

Entering Data into a List

- Clear the L1 list. One way to do this is press STAT, then 1:EDIT



Press **[STAT]**, then 1
to bring up the list editor.

use up-arrow to move the cursor up to L1, then press CLEAR, then press ENTER

L1	L2	L3	I
12	1.56		
15	3.87		
18	-2.85		
21	1.26		
24	-2.06		
27			
30			

$L1 = \{12, 15, 18, 21, \dots\}$

Use cursor to highlight a list,
press **CLEAR**, then press
ENTER to clear the list.

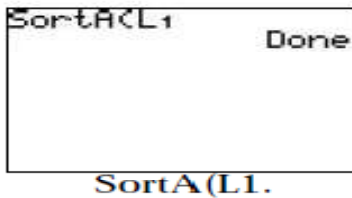
- Enter the data in the L1 column. After clearing L1 the cursor should be in the first entry for L1. Now just type each entry followed by ENTER.

L1	L2	L3	1
████████	-----	-----	
L1(1) =			

Sorting a list into increasing order

Enter the data in the L1 column

Then press **STAT** then 2 to obtain the command SortA (press **2nd** then 1) and press ENTER to execute the command.

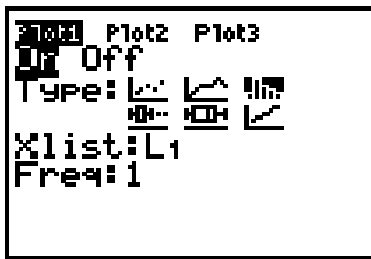


SortA(L1 Done

Press STAT, then 1:EDIT to see the sorted list

Histogram

- Enter data into a list.
- Press STAT PLOT (**2nd** **Y=**) and then press 1 to get the setting screen for Plot1.
- Highlight **On** and press ENTER.
- Scroll down to Type, then scroll right to highlight histogram, and press ENTER.
- Set Xlist to L1 and Freq to 1 (since we count each data point one time)



Plot1 Plot2 Plot3
On Off
Type: L1
Xlist: L1
Freq: 1

Window setting

- Press Zoom, then scroll down to Zoomstat, and press ENTER.
- Press WINDOW and enter the settings.

Xmin = 1st class boundary

Xscl = class width

Press GRAPH. Then press TRACE and move the right arrow cursor along the histogram to see the range of each bar and frequency.