

## Descriptive Statistics on the TI-85

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Steps:

- 1) Press [STAT] and select [EDIT].
  - 2) You are asked for *xlist Name* and *ylist Name*, by default they will be named *xStat* and *yStat* respectively. Press [ENTER] twice.
  - 3) Data are entered as coordinate pairs  $(x_i, y_i)$  where  $x_i$  are the data points and  $y_i$  are the frequencies or weights. If there are no weights or frequencies, let all  $y_i$  of the equal 1.
- Note:* If there are already data stored in this list, select [CLRxy] to erase the data.
- 4) Once all of the data have been entered press [EXIT] twice to get back to the home screen.
  - 5) Press [STAT] and select [CALC].
  - 6) You are asked to enter the manes of the *xlist* and *ylist* (the default names are already there) so press [ENTER] twice.
  - 7) Selecting [1-VAR] gives you the 1 variable statistics as described below:

$\bar{x}$	Mean
$\sum x$	Sum of the x's
$\sum x^2$	Sum of the squares of x's
$Sx$	Sample standard deviation
$\sigma x$	Population standard deviation
n	sample/population size