

Assignment #7 – Statistics

You will write a statistics program which will maintain a list of float values and produce statistics from those values. Your program will implement the following menu:

- 1.) Add Value to List
- 2.) Delete Value from List (by value)
- 3.) Delete Value from List (by location in list)
- 4.) Display List
- 5.) Compute Mean
- 6.) Compute Median
- 7.) Compute Midpoint
- 8.) Compute Mode(s)
- 9.) Compute Standard Deviation
- 0.) Exit

This menu should NOT be changed. How the different statistics are computed will be demonstrated in class. Furthermore, there is a document in Course Documents that give step-by-step instructions on how to compute the values. You should write a separate function for each of the menu options that takes your value list as a parameter. Your program should be bullet-proof...using exception handling or checking for bad user input, the grader should not be able to break your program.