

Measure of Center Lab

Submit a single program which outputs some measures of center for an array of values. Points will be awarded as follows:

- Documentation & Style (10%)
Program header
 - Syntax (50%)
 - Correctness (10%)
 - Logic (10%)
 - Reusability (10%)
 - Usability (10%)
 - Total 30 Pts
1. Create an array of size 50
 2. Populate the array with 50 random values from 0 to 100
 3. Create a function called print array which accepts a pointer to an integer array and the size of the array. The function returns nothing.
The function will print the array contents
 4. Create a function called mean which accepts which accepts a pointer to an integer array and the size of the array. The function will return a double.
The function will return the mean value.
 5. Create a function called mode which accepts which accepts a pointer to an integer array and the size of the array. The function will return an integer
The function will return the mode. If there is no mode, then return -1.
 6. Call your functions and display well-formatted output.

I have given you a data file (skeleton code) to make this go a bit more quickly.

When you are finished, then please submit your .cpp file via Canvas.