

Project 1
CSC 202

Objective: Review one-dimensional arrays

Instructions:

1. Read in 50 integers from a file called "project1.txt" and put the contents into an array.
2. Sort the array.
3. Print out your name.
4. Print out the sorted array.
5. Print out the lowest number in the array.
6. Print out the highest number in the array.
7. Print out the average number.

Example:

Robert Ball

Sorted Array: -47 -42 -40 -34 -33 -32 -32 -26 -25 -24 -23 -18 -16 -15 -12 -10 -9 -7 -5 -5
-5 -4 -2 -2 0 1 9 10 11 14 15 15 16 19 23 25 30 31 33 33 35 37 39 39 47 47 47 48 49 50

Lowest number: -47

Highest number: 50

Average number: 5.1

NOTE: I will have a file called "project1.txt" of 50 random numbers. The numbers in the above example will NOT be what is in the file. So, the correct answers will differ from my above example.

Rubric:

Points	Item
1	Name printed
4	Array printed out sorted
1	Lowest number printed
1	Highest number printed
3	Average number printed
10	
-3	You do not use "project1.txt" and the grader has to fix it for you.