

Lab 1: Can we still write a program?

Due: in lab

Intro

Let's start this semester on the right foot by making sure that we didn't forget everything from last semester.

This will be difficult for some of you. This does not constitute a failure on your part, we're just trying to get a feel for where everybody stands on basic java. Good luck!

Your Task

Write a java program that repeatedly prompts the user to enter a floating point value. When the user types "end", the count, sum, average, minimum and maximum value of all entered values is printed out.

Non-numeric entries (other than "end") are ignored.

Hints

- Figure out the algorithm before you start coding this up.
- You should use a `Scanner` object to read values from the user. If, for example, your `Scanner` instance is called `input`, you should use `input.hasNextDouble()` to determine if numeric or non-numeric input is present, **before** reading it in using `input.nextDouble()`. If `hasNextDouble()` returns false, you should use `input.next()` to read a `String` from the user.
- Do not use any arrays.
- If you have difficulty with having the loop stop when the user types 'end', have it stop when the user enters 0. This will not get you full credit, but it's something!

Turn In

Put all project files in a directory called `YourName_1110_Lab1`, zip up that folder, and submit it by the end of lab. Failure to follow this naming convention will result in lost points.