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CS 165
Assignment 2a reflection

Reflection

As I started working on this project, I learned that I had to initialize both the min and max values to the first integer entered, otherwise I wouldn't be able to compare any values. This was discovered during the Design step while writing my pseudocode. I also learned when a Do-While loop won't work, and why a for loop is a much better choice for this type of problem.

While testing, my first test case resulted in the program requesting 2 integers for input when I entered that I only wanted to enter 1 integer for input. I reviewed my notes from the text book and lectures on the proper use of each loop type and realized this was being caused by using a Do-While loop. By changing this to a For loop, the code would perform the conditional check before the first loop executes.

Writing test cases really helped to visualize how the program will step through and handle each value input. I also continued the practice of writing pseudocode as comments, which is making writing the programs much easier, along with being self-documenting. I didn't use any flow charts on my Assignment 2 projects, so this is an area that I can use next time to improve my understanding of each project before I start my coding.