I210: Information Infrastructure I
Mastery Check Expectations

When you have completed this Mastery Check, you should:

1. ***Submit your file(s) in Canvas under "Mastery Check 0"***
2. ***Upload a copy of your work to OneDrive as a backup in case something goes wrong with Canvas.***

Please make sure you click through to the final "Submit" button on Canvas. You are responsible for making sure your work is submitted currently **by the end of the lab**. It is strongly advised that you verify the submission before leaving lab. You can ask the UI to double check on their end as well. **We will not accept late submissions.**

You may work on an STC machine or on your personal laptop.

You are permitted to use approved resources while you work on the Mastery Check. Approved resources include:

- Any files you have personally created during class (code-alongs from lecture, code-like practice problems, etc)
- Any notes you have taken during class (physical or online)
- I210 slides
- Zybooks and the I210 MC Codebook reference list

You may NOT use the Internet *except* to access:

- the Canvas sections for I210
- any group coding or note spaces you've set up for I210.

Using code found online or code that you did not write is likely to constitute academic misconduct.

Mastery Check 0 Assignment Overview:

You received code which contains 4 student names and 4 student scores. The code has user inputs to take a 5th student name and a 5th student score. Once those inputs are received and associated to the appropriate variable, the program will process and output the average student score, the highest student score, the lowest student score and the names of all students who submitted the assignment.

Most of the data you need is already here for you, but there are some errors in the current program. **Your job is to debug the code so it runs.** Give it a once over and see if you can spot any issues. Then, run the code and follow along with the error messages, fixing as you go, so that you can finish with error-free code. Once you have it running, be sure to go back **and add in comments explaining the code**.

Be sure to check for:

- Variable names following the rules for appropriate variable names (what can they begin with, what can they contain, etc)
- Variable names matching with the variable names that are called (you can't call a variable that doesn't exist)
- Function calls such as print statements or inputs beginning and ending with parentheses. Example: print("hello")
- String values beginning and ending with quotation marks. Can be either single or double but must be consistent
- Correct output. Does your output look similar to the examples below?

SAMPLE FINISHED OUTPUT MAY LOOK LIKE:

```
Enter student name: Trek
Enter a student score: 99
-----------------------------------------
The average student score was 88.2
The high score was 99
The low score was 73
Students who took this assignment include Amy, Carmen, Josh, Simon, and Trek.
-----------------------------------------
```

```
Enter student name: Izzy
Enter a student score: 45
-----------------------------------------
The average student score was 77.4
The high score was 96
The low score was 45
Students who took this assignment include Amy, Carmen, Josh, Simon, and Izzy.
-----------------------------------------
```

Bonus option: Add a print statement utilizing an f string (1 bonus point possible)