EW200 Lab 0: Hello Python

Objective:

- Install software for EW200 and write your first Python programs

Deliverables:

- Screenshots of Jupyter Notebook and Mu Editor running your code
- Code files `lab0.ipynb` and `hello.py`

Setup

1. Install Anaconda from the Software Center (this takes a while do not wait for it to finish)
2. Download and install the Mu Editor from https://codewith.mu/
3. Create an account on GitHub at https://github.com/
4. Install the GitHub Desktop program at https://desktop.github.com/
5. Create a folder on your computer for all of your EW200 work – DO NOT USE GOOGLE DRIVE
6. Retrieve the EW200 Assignments Repository from GitHub Classroom. Save all of your work for this lab in the Labs/L0 folder.

Mu Editor

7. Using the Python 3 mode write a program to prompt the user for their name and then display a simple greeting. Save your file as `hello.py`
8. Use the REPL to find the average of the numbers 1-10
9. **DELIVERABLE:** Take a screen shot of your display showing your program and the REPL

Jupyter Notebook

10. Create a new Jupyter notebook in your EW200 folder called `lab0.ipynb`
11. Create a Markdown cell with the heading “My Favorite Books” and an ordered list of three of your favorite books. Use bold for the titles and italics for the author’s name.
12. Create a code cell that creates three different variables and prints the message “Go Navy Beat Army”.
13. **DELIVERABLE:** Take a screen shot of your notebook

Submit Your Work

14. Once you are done with your work check the Lab0 folder for both screen shots and code files. Then commit and push your work using GitHub Desktop.