**Exercise 1: Variables, Strings, and Data Types**

Please work through as many of the following exercises as you’re able to in the allotted time and upload the results of the last task you were able to complete**.**

Complete each exercise listed below. For each, add a comment saying what that piece of code does.

1. Store a message in a variable, then print that message.
2. Store a message in a variable, and print that message. Then change the value of your variable to a new message, and print the new message.
3. Store a person’s name in a variable, and print a message to that person.
4. Store a person’s name in a variable, and then print that person’s name in lowercase, uppercase, and titlecase.
5. Write addition, subtraction, multiplication, and division operations that each result in the number 8. Be sure to enclose your operations in print statements to see the results.
6. Store your favorite number in a variable. Then, using that variable, create a message that reveals your favorite number. Print that message.

**Stretch and Challenge**

If you complete the previous steps within the allotted time please move on to the following.

* Use an f-string to print out a message with a variable.
* Use multiple variables in one string to print a message.