CS 101
ASSIGNMENT 1: PYTHON BASICS

Create a new Python script file with name: *yourname_homework*1.*py*. Save this file in a folder on your computer where you will keep all your homework assignments. Write some Python code inside this file that I will be able to run on my computer without errors.

When finished, upload your file in Google Classroom using the Homework 1 assignment link. Don't forget to add comments at the beginning of each task and throughout your code for clarity. Add a comment before each problem stating the problem number.

As a reminder, to display a message use the statement: print("sometext"). To display a variable you can use print(variable_name) as in the following example:

num = 3.0
print(num)

You can also display a message and print a variable using the same print statement as in this example:
print("The result is", num)

TASKS

1. If you did not finish installing Python and Anaconda/Spyder IDE, please do so now.

2. At the top of your script add a comment with your name.

3. Write code to display the message: Hello world!

4. Assign to a variable x some integer value and to a variable y another integer value, then write some code to display the largest even number of the two numbers. If no number is even then display a message about it. (Hint: odd mod 2 = 1)

5. Assign to variables x, y and z some integer values, then write a program that examines these variables and prints the largest odd number among them. If none of them is odd it should print out a message accordingly.

6. Given the height and base length of a triangle, find the area of the triangle.

7. Given the side length of a square, find the area of the square.

8. Given the radius of a circle, find the area of the circle.