

**CS 101**  
**HOMEWORK 3: STRINGS AND INPUTS**

- Create a new Python script file that you will name *CS101\_Homework3.py* Save this file in a folder on your computer where you will keep all your homework assignments.
- When finished, upload your file in Google Classroom using the Homework 3 assignment link. Don't forget to add comments at the beginning of each task and throughout your code for clarity.

TASKS

1. Write a program to prompt the user to enter a positive integer then return the square root of the number. Hint: Be careful when handling the user input as you will need to convert it to an integer before taking a square root, which can be done with the `int()` function: `int("3")` evals to 3
2. Write a program that counts the number of words in a string that is entered by the user at the beginning of the program. Hint: the `count()` function works on strings as follow: `numOfChar = aString.count(Char)` where `numOfChar` is the number of times `Char` appears in `aString`
- \*3. Ask the user for three different numbers and print out the largest one.