CS 101
HANDOUT 3: STRINGS AND INPUTS

- Create a new Python script file that you will name *Homework*3*.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.

1. CLASSWORK

1. Ask the user for his/her name and age and display both.

2. Ask the user for two numbers and return the sum and product.

3. Ask the user for 2 different numbers and print out the largest of the two.

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(character) where numOfChar is the number of times character appears in aString. You can count the blank spaces between words that way.

*3. Ask the user for three different numbers and print out the largest one.