

CS 101  
ASSIGNMENT 3: PYTHON BASICS

Create a new Python script file that you will name *yourname\_homework3.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 3 assignment link. Don't forget to add comments at the beginning of each task and throughout your code for clarity.

TASKS

1. What can you press if your program is stuck in an infinite loop?
2. What is the difference between **break** and **continue**?
3. Write a short program that prints the numbers 1 to 100 using a while loop.
4. Write a program, that prints the numbers 1 to 100 using a for loop.
5. Write a program that prompts the user for a password. The user has 3 tries. If the user does not know the password print a message accordingly.
6. Write a program that adds all even numbers from 0 to 100.