CS 101
HOMEWORK 5: FOR LOOPS

- Create a new Python script file that you will name *CS*101_*Homework*5.*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 5 assignment link. Don't forget to add comments at the beginning of each task and throughout your code for clarity.

TASKS

1. Display Fibonacci series up to 30 terms.

2. Count the number of times "p" appears by a string provided by the user.

3. Write a program to display all prime numbers from 1 to 1000. Hint: Need to use a nested for loop (for loop within another for loop]).

*4. Write a program to find the digits of π accurate up to 5 digits. Hint: If you're unfamiliar with calculus or Taylor Series, check out the last slide of the for loop lecture. Be mindful when deciding how many terms to add up, too many and the program might never complete!