

## Lab 6 – 20 pts

You can download the Python file Lab6-Exercises.py and write your lines of code under each instructional comment.

- 1) Take a screenshot of the outputs AND the python script of the exercise and name the files as "yourname\_cs110\_lab6" and submit to Canvas.
- 2) Save the editor/python file as yourname\_cs110\_lab6.py and submit it to Canvas.

### [5 pts] Exercise 1

Fix the Python program. It should use a while loop to count numbers from 1 to 10 and print them correctly.

```
count = 1  
  
while count <= 10:  
  
    print(count)
```

### [5 pts] Exercise 2

Modify the program to count from 1 to 50 but print only the numbers that are divisible by 5.

### [10 pts] Exercise 3

Write a Python program that repeatedly asks the user to input an integer until the user enters a negative integer. The program should calculate the sum of (only) the positive numbers entered by the user.

[1 pts] Create a variable to store the final sum below.

[1 pts] Create a variable to store the user's input below

[6 pts] Initiate the while loop to ask for user input and accumulate the sum below.

[2 pts] Print the total sum, excluding the negative number that stops the loop below.