

## Python OOP Week 7 HW

For these questions you are free to use whatever screen size, color, and shape size/styles that you like.

### Question 1

What is wrong with the following code? Hint: There are 4 issues in total.

```
def my_function(x, y, 1z)
    print("Hello there, good thing you are doing the HW")
    return x+y

print(my_function(1))
```

### Question 2

Below is an incomplete function that takes a list of numbers (num\_list). The function should return true if all the numbers are negative otherwise the function will return false

```
def is_all_negative(num_list):
    # Blah Blah Blah # Blah Blah Blah
```

### Question 3

Write a function that will take a list of strings (str\_list) and a number (num). The function will return true if at least one of the strings in str\_list contains num number of characters. The function will return false otherwise.

### Question 4

Write a function in Processing named draw\_triangle which will take in 6 numbers. The function will draw a triangle using the 6 numbers. The first two numbers are the position of the first corner. The next two numbers are the position of the second corner and the last two numbers is the position of the third corner.

```
def draw_triangle(x1, y1, x2, y2, x3, y3):
    # Your code here
```

