***Python Programming***

***Lab Exercise – 10 (lambda & recursive functions)***

***Date: 6.12.2021***

1. Write lambda functions:

(a) To find largest of 2 numbers

(b) To check the input number is divisible by 5

(c) To remove all strings with length < 5 from a list of strings

(d) To increment a list of integers by 10% if the number is greater than 1000 else by 5%.

2. Write lambda functions, each to find area of square, rectangle and triangle.

1. Write a recursive function to find factorial of a number.
2. Write a recursive function to find nth term in the Fibonacci series.
3. Write a recursive function to find the sum of digits of a given number.