**Programming Assignment\_1**

Q.1) Write a Python program to print "Hello Python"?

Ans.)

print("Hello Python")

Q.2) Write a Python program to do arithmetical operations addition and division.?

Ans.)

a = 10

b = 2

## Addition

add = a + b

## Division

div = a/b

print(add)

print(div)

Q.3) Write a Python program to find the area of a triangle?

Ans.)

height = 100

base = 25

area = height\*base/2

print("Area of triangle:", area)

Q.4) Write a Python program to swap two variables?

Ans.)

var1 = 123

var2 = 111

print('Before swap:\nvar1 = {} and var2 = {}'.format(var1, var2))

temp = var1

var1 = var2

var2 = temp

print('\nAfter swap:\nvar1 = {} and var2 = {}'.format(var1, var2))

Q.5) Write a Python program to generate a random number?

Ans.)

import random

print(random.random())

print(random.randint(1, 1000))