**Python Assignment1**

1. Write a Python program to print “Hello Python”?

print("Hello world")

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

num1 = float(input(" Please Enter the First Number: "))

num2 = float(input(" Please Enter the Second Number: "))

add = num1 + num2

div = num1 / num2

print("The Sum of {0} and {1} = {2}".format(num1, num2, add))

print("The Division of {0} and {1} = {2}".format(num1, num2, div))

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

a = float(input('Enter first side: '))

b = float(input('Enter second side: '))

c = float(input('Enter third side: '))

s = (a + b + c) / 2

area = (s\*(s-a)\*(s-b)\*(s-c)) \*\* 0.5

print('The area of the triangle is %0.2f' %area)

4. Write a Python program to swap two variables?

x = input("Enter First Numbner X: ")

y = input("Enter Second Numbner Y: ")

temp = x

x = y

y = temp

print('The value of x after swapping: {0}'.format(x))

print('The value of y after swapping: {0}'.format(y))

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

import random

print('Random Number is :',random.randint(0,499))