**PROGRAMMING ASSIGNMENTS 1 PYTHON**

1. Write a Python program to print "Hello Python".

print("Hello Python")

**Hello Python**

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

#program for addition of two numbers

num1 = int(input("enter first num value 1:"))

num2 = int(input("enter second num value 2:"))

add= num1+num2

print(num1,num2,add)

**enter first num value 1: 1**

**enter second num value 2: 3**

**1 3 4**

#program for division of two numbers

num1 = int(input("enter first num value 1:"))

num2 = int(input("enter second num value 2:"))

div = num1 / num2

print(num1,num2,div)

**enter first num value 1:6**

**enter second num value 2:3**

**6 3 2.0**

1. Write a Python program to find the area of a triangle.

base = float(input("enter the value 1:"))

height = float(input("enter the value 2:"))

Area = base \* height\* 0.5

print(base,height,Area)

**enter the value 1:12**

**enter the value 2:6**

**12.0 6.0 36.0**

1. Write a Python program to swap two variables.

a=2

b=4

print(a,b)

(a,b)=(b,a)

print(a,b)

**2 4**

**4 2**

1. Write a Python program to generate a random number.

# program to generate random number

import random

print(random.randint(0,90))

**32**

**1**