1. Write a Python program to print "Hello Python"?
2. Write a Python program to do arithmetical operations addition and division.?
3. Write a Python program to find the area of a triangle?
4. Write a Python program to swap two variables?
5. Write a Python program to generate a random number?

**1.Write a Python program to print 'Hello Python' ?**

print('Hello Python')

Hello Python

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

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

height **=** int(input('Enter height of triangle: '))

base **=** int(input('Enter base of triangle: '))

**def** areaOfTriangle(height, base):

print('\nArea of triangle ->', 0.5**\***height**\***base)

areaOfTriangle(height,base)

Enter height of triangle: 100

Enter base of triangle: 50

Area of triangle -> 2500.0

**4.Write a Python program to swap two variables ?**

num\_1 **=** int(input("Enter First Number: "))

num\_2 **=** int(input("Enter Second Number: "))

**def** swapNumbers(a,b):

temp **=** a

a **=** b

b **=** temp

**return** a,b

print('Before swapping -> ',num\_1, num\_2)

num\_1, num\_2 **=** swapNumbers(num\_1, num\_2)

print('After swapping -> ',num\_1,num\_2)

Enter First Number: 100

Enter Second Number: 200

Before swapping -> 100 200

After swapping -> 200 100

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

**from** random **import** randint

**def** generateRandomNumber(start**=**0, end**=**100000):

print('Random number -> ',randint(start,end))

*# Generating random numbers without arguments*

generateRandomNumber()

*# Generating random numbers with arguments*

generateRandomNumber(0,100)

Random number -> 75610

Random number -> 34