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

print ("Hello Python")

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

number\_1=int (input("enter the number 1"))

number\_2=int (input("enter the number 2"))

sum=number\_1+number\_2

div=number\_1/number\_2

print(sum)

print(div)

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

a=float (input ("side a of traingle"))

b=float (input ("side b of traingle"))

c=float (input ("side c of traingle"))

s=(a+b+c)/2

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

Print ("area of traingle: **%.2f**" %Area)

width = float(input("enter the width of right angle traingle"))

length = float(input("enter the length of right angle traingle"))

area = 0.5\*width\*length print(round(area,2))

1. Write a Python program to swap two variables?

a=10

b=12

a,b = b,a

print("value of a:", a)

print("value of b:", b)

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

**import** **random**

print(random.randint(0,9))

**import** **random**

randomlist = []

**for** i **in** range(0,5):

n = random.randint(1,30)

randomlist.append(n)

print(randomlist)