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

Print("Hello Python")

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

num1 = input('Enter first number: ')

num2 = input('Enter second number: ')

sum = float(num1) + float(num2)

print(‘Sum of the two numbers is : ’,sum)

div = float(num1) / float(num2)

print(‘Result of the division of the two numbers is : ’,div)

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

a = float(input('Enter 1st side: '))

b = float(input('Enter 2nd side: '))

c = float(input('Enter 3rd side: '))

# calculate the semi-perimeter

s = (a + b + c) / 2

# calculate the area

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

print('The area of the triangle is %0.3f' %Area)

1. Write a Python program to swap two variables?

x = input('Enter value of x: ')

y = input('Enter value of y: ')

swap = x

x = y

y = swap

print('The value of x after swapping',x)

print('The value of y after swapping',y)

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

import random

n = random.random()

print(n)

OR,

import random

print(random.randint(0,100))