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

Code:

def hello(sample):

  print(sample)

  return

hello("Hello Python")

Output:

Hello Python

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

Code:

def operation(x1,x2):

 addition=int(x1+x2)

  division=float(x1/x2)

  print("The addition operation between the variables is: ",addition)

  print("The division operation between the variables is: ",division)

  return

operation(4,6)

Output:

The addition operation between the variables is: 10

The division operation between the variables is: 0.6666666666666666

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

Code:

def area(x1,x2):

  a1=float(0.5\*(x1\*x2))

  print("The height of the triangle is {} cm".format(x1))

  print("the base of the triangle is {} cm".format(x2))

  print("The area of the triangle is {} cm sq".format(a1))

  return

h=float(input())

b=float(input())

area(h,b)

Output:

10

20

The height of the triangle is 10.0 cm

The base of the triangle is 20.0 cm

The area of the triangle is 100.0 cm sq

1. Write a Python program to swap two variables?

Code:

def swap(x,y):

  temp=x

  x=y

  y=temp

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

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

  return

x1 = input('Enter value of x: ')

y1 = input('Enter value of y: ')

swap(x1,y1)

Output:

Enter value of x: 2

Enter value of y: 4

The value of x after swapping: 4

The value of y after swapping: 2

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

Code:

import random

print(random.randint(0,9))

Output:

4