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

Program

print("Hello Python")

Output

Hello Python

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

Program

a = float(input("Enter first number: "))

b = float(input("Enter second number: "))

add = a + b

div = a/b

print(f"Addition is : {add}")

print(f"Division is : {div}")

Output

Enter first number: 19

Enter second number: 27

Addition is : 46.0

Division is : 0.7037037037037037

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

Program

base = float(input("Enter base : "))

height = float(input("Enter height : "))

area = (1/2)\*base\*height

print(f"Area of triangle is : {area}")

Output

Enter base : 12

Enter height : 12

Area of triangle is : 72.0

1. Write a Python program to swap two variables?

Program

a = (input("Enter first variable: "))

b = (input("Enter second variable: "))

print(f"Before swaping---> a: {a}   b: {b}")

swap = a

a=b

b=swap

print(f"After swaping---> a: {a}   b: {b}")

Output

Enter first variable: 10

Enter second variable: 12

Before swaping---> a: 10 b: 12

After swaping---> a: 12 b: 10

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

Program

from random import randint

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

    print('Random number : ',randint(start,end))

generateRandomNumber()

generateRandomNumber(0,100)