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

Ans : print("Hello Python")

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

Ans:

Flag = True

while(Flag) :

a = input("Press 1 to add numbers 2 to divide numbers ")

if a == '1' :

add1 = int(input("Enter first number "))

add2 = int(input("Enter second number "))

result = add1 + add2

print("The addition of ",add1 , add2 ,"is ",result)

Flag = False

elif a == '2' :

divide1 = int(input("Enter first number "))

divide2 = int(input("Enter second number "))

result = divide1 / divide2

print("The Division of ",divide1 ," and " , divide2 ," is ",result)

Flag = False

elif type(a) != int :

print ("Enter valid input")

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

Ans :

side1 = float(input("Enter first side of the triangle "))

side2 = float(input("Enter second side of the triangle "))

side3 = float(input("Enter third side of the triangle "))

semi\_parameter = side1 + side2 + side3 / 2

area = (semi\_parameter \* (semi\_parameter - side1) \* (semi\_parameter - side2) \* (semi\_parameter - side3)) \*\* 0.5

print("Area of the triangle is " , area)

1. Write a Python program to swap two variables?

Ans :

swap1 = int(input("Enter first number "))

swap2 = int(input("Enter second number "))

temp = swap1

swap1 = swap2

swap2 = temp

print ("Swapping of 2 numbers \n", "swap1 = " ,swap1 , "swap2 = " ,swap2)

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

Ans :

import random

print ("Random number from 0 to 100 " ,random.randint(0,100))