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

-🡪 a = str(input("Enter your word:- " ))

print("Your word is ", a )

Output:- Enter your word:- Hello Python

Your word is Hello Python.

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

-🡪 num1 = float(input("Enter first number: "))

num2 = float(input("Enter second number: "))

print("Operation: +,/")

select = input("Select operations: ")

if select == "+":

print(num1, "+", num2, "=", num1+num2)

elif select == "/":

print(num1, "/", num2, "=", num1/num2)

else:

print("Invalid input")

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

* If Base and Height is given:

num1 = float(input("Enter Height of Triangle: "))

num2 = float(input("Enter base of triangle: "))

print("The area of tiangle is",0.5 \* num1\*num2)

if all three sides are given then :-

a = float(input('Enter first side: '))

b = float(input('Enter second side: '))

c = float(input('Enter third side: '))

s = (a + b + c) / 2

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

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

1. **Write a Python program to swap two variables?**

🡪 x = float(input("Enter first variable:- "))

y = float(input("Enter second variable:- "))

x,y = y,x

print("Value of x:", x)

print("Value of y:", y)

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

---🡪 import random

print(random.randint(0,100))