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

ANS:- print(“Hello world”)

**OUTPUT:-**Hello world

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

ANS: val1 = 7

val2 = 3

res = val1 + val2

print(res)

**OUTPUT:-**10

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

ANS: 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 %0.2f'%area)

**OUTPUT:-** Enter first side:7

Enter second side:3

Enter third side:9

The area of the triangle is 8.79

1. Write a Python program to swap two variables?

ANS: x = 10

y = 20

temp = x

x = y

y = temp

print("value of x:" , x)

print("value of y:" , y)

**OUTPUT:-** value of x: 20

value of y: 10

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

ANS: import random

list1 = [1, 2, 3, 5, 6]

print(random.choice(list1))

string = "striver"

print(random.choice(string))

**OUTPUT:**-5

t