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

Sol:- print(“Hello Python”)

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

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

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

# Addition

sum = num1 + num2

print("The sum of {0} and {1} is {2}".format(num1, num2, sum))

# Division

if num2 == 0:

print("Cannot divide by zero")

else:

quotient = num1 / num2

print("{0} divided by {1} is {2}".format(num1, num2, quotient))

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

Sol:- base = float(input("Enter the base of the triangle: "))

height = float(input("Enter the height of the triangle: "))

area = 0.5 \* base \* height

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

1. Write a Python program to swap two variables?

Sol:- a = 10

b = 20

print("Before swap - a:", a, "b:", b)

temp = a

a = b

b = temp

print("After swap - a:", a, "b:", b)

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

Sol:- import random

random\_number = random.randint(0, 9)

print(random\_number)