LAB – 2 OPERATORS

1. Calculate the multiplication and sum of two numbers.

num1 = float(input("Enter the first number: "))

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

multiplication = num1 \* num2

summation = num1 + num2

print("Multiplication:", multiplication)

print("Sum:", summation)

Output

Enter the first number: 4

Enter the second number: 6

Multiplication: 24.0

Sum: 10.0

## **2. Declare two variables and print that which variable is largest using ternary operators**

a = 10

b = 20

largest = a if a > b else b

print("The largest variable is:", largest)

Output

The largest variable is : 20

# 3. Python program to convert the temperature in degree centigrade to Fahrenheit

celsius = float(input("Enter temperature in Celsius: "))

fahrenheit = (celsius \* 9/5) + 32

print("Temperature in Fahrenheit:", fahrenheit)

Output

Enter temperature in Celsius: 200

Temperature in Fahrenheit: 392.0

# 4. Python program to find the area of a triangle whose sides are given

a = 5

b = 6

c = 7

s = (a + b + c) / 2

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

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

Output

The area of the triangle is: 14.696938456699069.