1. Calculate the multiplication and sum of two numbers

a = 10

b = 5

sum\_result = a + b

mul\_result = a \* b

print("Sum:", sum\_result)

print("Multiplication:", mul\_result)

1. Declare two variables and print which variable is largest using ternary operators

x = 15

y = 25

largest = x if x > y else y

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

1. Take input from the user (name, age, and city) and print it in a formatted string

name = input("Enter your name: ")

age = input("Enter your age: ")

city = input("Enter your city: ")

print(f"Hello, my name is {name}, I am {age} years old, and I live in {city}.")

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

import math

a = float(input("Enter side a: "))

b = float(input("Enter side b: "))

c = float(input("Enter side c: "))

# Semi-perimeter

s = (a + b + c) / 2

# Heron's formula

area = math.sqrt(s \* (s - a) \* (s - b) \* (s - c))

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

5. **Write a Python program to check whether a number is even or odd**

num = int(input("Enter a number: "))

if num % 2 == 0:

print("The number is Even")

else:

print("The number is Odd")

**6.Find the square and cube of a given number**

**num = int(input("Enter a number: "))**

**square = num \*\* 2**

**cube = num \*\* 3**

**print("Square:", square)**

**print("Cube:", cube)**