```
Python 3.14.2 (tags/v3.14.2:df79316, Dec  5 2025, 17:18:21) [MSC v.1944 64 bit (AMD64)] on win32
Enter "help" below or click "Help" above for more information.
>>>
========================= RESTART: C:/Users/Vaishnavi PM/AppData/Local/Programs/Python/Python314/actual LAB1 (1).py =========================
enter first number:3
enter operator(+, -, *, /)*
enter the second number:3
Result: 9.0
>>>
========================= RESTART: C:/Users/Vaishnavi PM/AppData/Local/Programs/Python/Python314/actual LAB1 (2).py =========================
Enter temperature value: 25
Enter unit (C for Celsius, F for Fahrenheit): C
25.0°C = 77.00°F
>>>
========================= RESTART: C:/Users/Vaishnavi PM/AppData/Local/Programs/Python/Python314/actual LAB1 (3).py =========================
Enter first number: 5
Enter second number: 3
num1 is the largest number
num2 is the smallest number
>>>
```

```python
num1 = float(input("enter first number:"))
operator = input("enter operator(+, -, *, /)")
num2 = float(input("enter the second number:"))

match operator:
    case "+":
        result = num1+num2
        print("Result:", result)
    case "-":
        result = num1-num2
        print("Result:", result)
    case "*":
        result = num1*num2
        print("Result:", result)
    case "/":
        result = num1/num2
        print("Result:", result)
    case _:
        result = "invalid"
        print("Result:",result)
```

```python
temp = float(input("Enter temperature value: "))
unit = input("Enter unit (C for Celsius, F for Fahrenheit): ").strip().upper()

if unit == "C":
    fahrenheit = (temp * 9/5) + 32
    print(f"{temp}°C = {fahrenheit:.2f}°F")
elif unit == "F":
    celsius = (temp - 32) * 5/9
    print(f"{temp}°F = {celsius:.2f}°C")
else:
    print("Invalid unit! Please enter C or F.")
```

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```python
num1 = int(input("Enter first number: "))
num2 = int(input("Enter second number: "))

if num1 > num2:
    print("num1 is the largest number")
    print("num2 is the smallest number")
elif num2 > num1:
    print("num2 is the largest number")
    print("num1 is the smallest number")
else:
    print("Both numbers are equal")
```