print("Thise is Calculator Program")

# Prompt the user to enter two numbers

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

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

# Prompt the user to choose an operator

print("Select an operator:")

print("1. Addition (+)")

print("2. Subtraction (-)")

print("3. Multiplication (\*)")

print("4. Division (/)")

print("5. Modulus (%)")

operator = input("Enter the operator 1-5: ")

if operator == '1':

    result = num1 + num2

    operator\_name = "Addition"

elif operator == '2':

    result = num1 - num2

    operator\_name = "Subtraction"

elif operator == '3':

    result = num1 \* num2

    operator\_name = "Multiplication"

elif operator == '4':

    result = num1 / num2

    operator\_name = "Division"

elif operator == '5':

    result = num1 % num2

    operator\_name = "Modulus"

else:

    print("Invalid operator!")

#Result with the operator name

if result is not None and operator\_name is not None:

    print(f"The result of {operator\_name} is: {result}")

Program represents a basic calculator program that performs arithmetic operations on two numbers entered by the user. Here's how it works:

1. The program starts by printing a welcome message to the user.
2. It prompts the user to enter two numbers using the **input()** function. The numbers are converted to float values for numerical calculations.
3. The user is then prompted to choose an operator by entering a number from 1 to 5. The available operators are addition, subtraction, multiplication, division, and modulus.
4. Based on the chosen operator, the program performs the corresponding arithmetic calculation using conditional statements (**if**, **elif**, **else**). The result is stored in the **result** variable, and the operator name is stored in the **operator\_name** variable.
5. Finally, if a valid operator was selected, the program displays the result to the user with the corresponding operator name using the **print()** function.

The program provides a simple way for users to perform arithmetic operations on two numbers by selecting the desired operator. The result is displayed along with the operator name for clarity.

You can run the program and follow the prompts to enter the numbers and choose an operator, and it will display the calculated result.