#### ****# Simple Calculator Program****

**def calculator():**

**print("Welcome to the Simple Calculator!")**

**print("Select an operation:")**

**print("1. Add")**

**print("2. Subtract")**

**print("3. Multiply")**

**print("4. Divide")**

**choice = input("Enter your choice (1/2/3/4): ")**

**if choice in ['1', '2', '3', '4']:**

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

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

**if choice == '1':**

**print(f"The result is: {num1 + num2}")**

**elif choice == '2':**

**print(f"The result is: {num1 - num2}")**

**elif choice == '3':**

**print(f"The result is: {num1 \* num2}")**

**elif choice == '4':**

**if num2 != 0:**

**print(f"The result is: {num1 / num2}")**

**else:**

**print("Error: Division by zero is not allowed.")**

**else:**

**print("Invalid input. Please select a valid operation.")**

**calculator()**