

calculator task1.py - C:\Users\hema\AppData\Local\Programs\Python\Python311\calculator task1.py (3.11.8)

File Edit Format Run Options Window Help

```
# Simple Calculator
```

```
def calculator():
    print("Simple Calculator")
    print("Select operation:")
    print("1. Add")
    print("2. Subtract")
    print("3. Multiply")
    print("4. Divide")

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

    num1 = float(input("Enter first number: "))
    num2 = float(input("Enter second number: "))

    if operation == '1':
        result = num1 + num2
        print(f"{num1} + {num2} = {result}")
    elif operation == '2':
        result = num1 - num2
        print(f"{num1} - {num2} = {result}")
    elif operation == '3':
        result = num1 * num2
        print(f"{num1} * {num2} = {result}")
    elif operation == '4':
        if num2 != 0:
            result = num1 / num2
            print(f"{num1} / {num2} = {result}")
        else:
            print("Error! Division by zero.")
    else:
        print("Invalid operation!")

if __name__ == "__main__":
    calculator()
```

calculator task1.py - C:\Users\hemal\AppData\Local\Programs\Python\Python311\calculator task1.py (3.11.8)

File Edit Format Run Options Window Help

Simple Calculator

```
def calculator():
    print("Simple Calculator")
    print("Select operation:")
    print("1. Add")
    print("2. Subtract")
    print("3. Multiply")
    print("4. Divide")

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

    num1 = float(input("Enter first number: "))
    num2 = float(input("Enter second number: "))

    if operation == '1':
        result = num1 + num2
        print(f"{num1} + {num2} = {result}")
    elif operation == '2':
        result = num1 - num2
        print(f"{num1} - {num2} = {result}")
    elif operation == '3':
        result = num1 * num2
        print(f"{num1} * {num2} = {result}")
    elif operation == '4':
        if num2 != 0:
            result = num1 / num2
            print(f"{num1} / {num2} = {result}")
        else:
            print("Error! Division by zero.")
    else:
        print("Invalid operation!")

if __name__ == "__main__":
    calculator()
```

IDLE Shell 3.11.8

File Edit Shell Debug Options Window Help

```
>>> = RESTART: C:\Users\hemal\AppData\Local\Programs\Python\Python311\calculator ta
sk1 .py
Simple Calculator
Select operation:
1. Add
2. Subtract
3. Multiply
4. Divide
Enter choice (1/2/3/4): 1
Enter first number: 30
Enter second number: 21
30.0 + 21.0 = 51.0

>>> = RESTART: C:\Users\hemal\AppData\Local\Programs\Python\Python311\calculator ta
sk1 .py
Simple Calculator
Select operation:
1. Add
2. Subtract
3. Multiply
4. Divide
Enter choice (1/2/3/4): 2
Enter first number: 30
Enter second number: 21
30.0 - 21.0 = 9.0

>>> = RESTART: C:\Users\hemal\AppData\Local\Programs\Python\Python311\calculator ta
sk1 .py
Simple Calculator
Select operation:
1. Add
2. Subtract
3. Multiply
4. Divide
Enter choice (1/2/3/4): 3
Enter first number: 30
Enter second number: 21
30.0 * 21.0 = 630.0

>>>
```

Ln: 39 Col: 0