



main.py



Run

```
1 # Simple Calculator using Functions
2
3 def add(a, b):
4     return a + b
5
6 def subtract(a, b):
7     return a - b
8
9 def multiply(a, b):
10    return a * b
11
12 def divide(a, b):
13    if b == 0:
14        return "Error! Division by zero is not
15        allowed."
16    return a / b
17
18 print("===== SIMPLE CALCULATOR =====")
19 print("1. Add")
20 print("2. Subtract")
21 print("3. Multiply")
22 print("4. Divide")
23
24 choice = int(input("Enter your choice (1-4): "
25 ))
26
27 num1 = float(input("Enter first number: "))
28 num2 = float(input("Enter second number: "))
29
30 if choice == 1:
31     print("Result:", add(num1, num2))
32 elif choice == 2:
33     print("Result:", subtract(num1, num2))
34 elif choice == 3:
35     print("Result:", multiply(num1, num2))
36 elif choice == 4:
37     print("Result:", divide(num1, num2))
38 else:
39     print("Invalid Choice!")
```

Output

Clear

===== SIMPLE CALCULATOR =====

- 1. Add
- 2. Subtract
- 3. Multiply
- 4. Divide

Enter your choice (1-4): 1

Enter first number: 4

Enter second number: 5

Result: 9.0

==== Code Execution Successful ===