

adityacal.py

```
1 # TASK 2: Simple Calculator
2
3 def calculator():
4     print("===== SIMPLE CALCULATOR =====\n")
5
6     try:
7         num1 = float(input("Enter the first number: "))
8         num2 = float(input("Enter the second number: "))
9     except ValueError:
10        print("❌ Invalid input! Please enter valid numbers.")
11        return
12
13    print("\nChoose an operation:")
14    print(" +   for Addition")
15    print(" -   for Subtraction")
16    print(" *   for Multiplication")
17    print(" /   for Division")
18
19    operation = input("Enter operation (+, -, *, /): ")
20
21    if operation == '+':
22        result = num1 + num2
23        print(f"\n✅ Result: {num1} + {num2} = {result}")
24    elif operation == '-':
25        result = num1 - num2
26        print(f"\n✅ Result: {num1} - {num2} = {result}")
27    elif operation == '*':
28        result = num1 * num2
29        print(f"\n✅ Result: {num1} * {num2} = {result}")
30    elif operation == '/':
31        if num2 != 0:
32            result = num1 / num2
33            print(f"\n✅ Result: {num1} / {num2} = {result}")
34        else:
35            print("❌ Error: Division by zero is not allowed.")
36    else:
37        print("❌ Invalid operation selected.")
38
39 # Run the calculator
40 calculator()
41
```