adityacal.py

```python
# TASK 2: Simple Calculator

def calculator():
    print("====== SIMPLE CALCULATOR ======\n")

    try:
        num1 = float(input("Enter the first number: "))
        num2 = float(input("Enter the second number: "))
    except ValueError:
        print("❌ Invalid input! Please enter valid numbers.")
        return

    print("\nChoose an operation:")
    print(" +  for Addition")
    print(" -  for Subtraction")
    print(" *  for Multiplication")
    print(" /  for Division")

    operation = input("Enter operation (+, -, *, /): ")

    if operation == '+':
        result = num1 + num2
        print(f"\n✅ Result: {num1} + {num2} = {result}")
    elif operation == '-':
        result = num1 - num2
        print(f"\n✅ Result: {num1} - {num2} = {result}")
    elif operation == '*':
        result = num1 * num2
        print(f"\n✅ Result: {num1} * {num2} = {result}")
    elif operation == '/':
        if num2 != 0:
            result = num1 / num2
            print(f"\n✅ Result: {num1} / {num2} = {result}")
        else:
            print("❌ Error: Division by zero is not allowed.")
    else:
        print("❌ Invalid operation selected.")

# Run the calculator
calculator()
```