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def calculator():
    print("Simple Calculator")
    print("Enter 'q' to quit")
    while True:
        num1 = input("Enter first number: ")
        if num1 == 'q':
            break
        operation = input("Enter operation (+, -, *, /): ")
        if operation == 'q':
            break

        num2 = input("Enter second number: ")
        if num2 == 'q':
            break

        try:
            num1 = float(num1)
            num2 = float(num2)
        except ValueError:
            print("Invalid input. Please enter numeric values.")
            continue

        if operation == '+':
            result = num1 + num2
        elif operation == '-':
            result = num1 - num2
        elif operation == '*':
            result = num1 * num2
        elif operation == '/':
            if num2 == 0:
                print("Error: Division by zero!")
                continue
            result = num1 / num2
        else:
            print("Invalid operation. Please enter +, -, *, or /.")
            continue

    print("Result:", result)

```

calculator()