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def sum_numbers(a, b):
    return a + b

def diff_numbers(a, b):
    return a - b

def product_numbers(a, b):
    return a * b

def quotient_numbers(a, b):
    if b == 0:
        return "Cannot divide by zero."
    return a / b

def simple_calc():
    print("Choose an option:")
    print("1. Addition")
    print("2. Subtraction")
    print("3. Multiplication")
    print("4. Division")

    while True:
        operation = input("Enter option (1/2/3/4): ")

        if operation in ('1', '2', '3', '4'):
            try:
                first = float(input("Enter the first number: "))
                second = float(input("Enter the second number: "))
            except ValueError:
                print("That's not a number. Try again.")
                continue

            if operation == '1':
                print(f"The sum of {first} and {second} is {sum_numbers(first, second)}")

            elif operation == '2':
                print(f"The difference between {first} and {second} is {diff_numbers(first, second)}")

            elif operation == '3':
                print(f"The product of {first} and {second} is {product_numbers(first, second)}")

            elif operation == '4':
                print(f"The result of dividing {first} by {second} is {quotient_numbers(first, second)}")
            else:
                print("Invalid choice. Please select 1, 2, 3, or 4.")

        repeat = input("Do you want to calculate again? (yes/no): ")

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if repeat.lower() != 'yes':  
    break
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simple_calc()
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