def add(x, y):

    return x + y

def subtract(x, y):

    return x - y

def multiply(x, y):

    return x \* y

def divide(x, y):

    if y == 0:

        return "Error: Division by zero is not allowed."

    return x / y

def calculator():

    print("Simple Calculator")

    try:

        # Prompt the user to input two numbers

        num1 = float(input("Enter the first number: "))

        num2 = float(input("Enter the second number: "))

        # Prompt the user to choose an operation

        print("Choose an operation:")

        print("1. Addition (+)")

        print("2. Subtraction (-)")

        print("3. Multiplication (\*)")

        print("4. Division (/)")

        operation = input("Enter the number corresponding to the operation: ")

        # Perform the calculation based on user input

        if operation == '1' or operation == '+':

            result = add(num1, num2)

            operation\_sign = '+'

        elif operation == '2' or operation == '-':

            result = subtract(num1, num2)

            operation\_sign = '-'

        elif operation == '3' or operation == '\*':

            result = multiply(num1, num2)

            operation\_sign = '\*'

        elif operation == '4' or operation == '/':

            result = divide(num1, num2)

            operation\_sign = '/'

        else:

            result = "Error: Invalid operation selected."

            operation\_sign = ''

        # Display the result

        if isinstance(result, str):

            print(result)

        else:

            print(f"{num1} {operation\_sign} {num2} = {result}")

    except ValueError:

        print("Error: Invalid input. Please enter numeric values.")

if \_\_name\_\_ == "\_\_main\_\_":

    calculator()