

Code Academy

Full stack development stream - Batch 3

Homework 2 Due Date: Nov 15th, 2023 @11:59 pm

Problem Statement: Simple Calculator

You are tasked with creating a C# console program for a basic calculator. The program should allow users to perform simple arithmetic operations and provide a user-friendly interface.

The program should include the following features:

1. Operation Selection: Display a menu that allows users to choose an operation (addition, subtraction, multiplication, or division).
2. Operand Input: Prompt users to enter two operands for the selected operation.
3. Result Display: Calculate and display the result of the chosen operation.
4. Continuous Operation: After displaying the result, allow users to perform another operation or exit the calculator.
5. Exit Option: Allow users to exit the program gracefully when they are done with calculations.

Additional Guidelines:

- Keep the program simple; you don't need to implement complex features.
- Use basic conditional statements and loops to manage user input and choices.
- Assume that the user enters valid numeric inputs.



Here's an example interaction:

Welcome to the Simple Calculator!

Options:

1. Addition
2. Subtraction
3. Multiplication
4. Division
5. Exit

Select an operation (1-5): 1

Enter the first operand: 15

Enter the second operand: 7

Result: 22

Perform another operation? (yes/no): yes

Select an operation (1-5): 3

Enter the first operand: 8

Enter the second operand: 4

Result: 32

Perform another operation? (yes/no): no

Thank you for using the Simple Calculator!

