

SIMPLE CALCULATOR

Ultimate C# Masterclass Assignment

Overview

This application is a simple calculator. The user will input two numbers and the operation they want to perform (addition, subtraction, multiplication), and the program shall print the operation and the result.

Console App

Main application workflow

When the application starts, it shall print:

Hello!

Input the first number:

Then, the user will input a number. For now, we **don't handle invalid input**. If the user inputs something that is not a number, we are OK with the fact that the application will crash.

Then, the program will print:

Input the second number:

And again, the user will enter the number.

Next, the program will ask:

What do you want to do with those numbers?

[A]dd

[S]ubtract

[M]ultiply

The app should handle the input according to the “**Selecting an option by the user**” table.

Next, the application should print “Press any key to close” and close after the key press.

Selecting an option by the user

Scenario	User action	Result
Addition	User enters 'A' or 'a' into the console.	The application prints something like 5 + 10 = 15 to the console, assuming the first number was 5 and the second 10.
Subtraction	User enters 'S' or 's' into the console.	The application prints something like 5 - 10 = -5 to the console, assuming the first number was 5 and the second 10.
Multiplication	User enters 'M' or 'm' into the console.	The application prints something like 5 * 10 = 50 to the console, assuming the first number was 5 and the second 10.
Incorrect or empty input	User does not select any option (empty choice), or the selected option is not valid.	"Invalid option" is printed to the console.