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## Coding Bootcamp

### Bi-Weekly Project 1

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#### FOR C#

1. Locate and open with a text editor (or IDE) the file MyCalc\_CSharp.txt
2. Copy and paste the code from the file MyCalc.txt inside a new project called MyCalculator in the class Program, inside the Main method.
3. Try to Execute the project
4. What do you see?
5. Find the Lines 13,18 and try to fix them
6. Correct the Line 32
7. Change your application to accept only positive numbers
8. Change your application to accept only positive numbers up to 100
9. Change your application to accept positive and negative numbers up to +/- 100
10. Change your application to accept floats +/- 100.0
11. BONUS 1: Try to make the program run forever and ask the user to enter two numbers
12. BONUS 2: Try to make the program run until the user presses the button x or X
13. BONUS 3: Try to change the options from a,s,m,d to add,subtract,multiply,divide
14. BONUS 4: Can you make your program to accept at the same time the words add,subtract,multiply,divide and the numbers 1,2,3,4 respectively?

Questions 7-10 need to exist within your application as comments after they are tested and run. The Question 10 should be the working option of your project!

The BONUSSES 1,2,3,4 should be built to new classes!

## **FOR Java**

1. Locate and open with a text editor (or IDE) the file MyCalc\_Java.txt
2. Copy and paste the code from the file MyCalc.txt inside a new project called MyCalculator in the class MyCalculator, inside the main method.
3. Try to Execute the project
4. What do you see?
5. Find the Lines 13,17 and try to fix them
6. Correct the Lines 32, 34, 37, 46
7. Change your application to accept only positive numbers
8. Change your application to accept only positive numbers up to 100
9. Change your application to accept positive and negative numbers up to +/- 100
10. Change your application to accept floats +/- 100.0
11. BONUS 1: Try to make the program run forever and ask the user to enter two numbers
12. BONUS 2: Try to make the program run until the user presses the button x or X
13. BONUS 3: Try to change the options from a,s,m,d to add,subtract,multiply,divide
14. BONUS 4: Can you make your program to accept at the same time the words add,subtract,multiply,divide and the numbers 1,2,3,4 respectively?

Questions 7-10 need to exist within your application as comments after they are tested and run. The Question 10 should be the working option of your project!

The BONUSSES 1,2,3,4 should be built to new classes!

**FOR C# and Java:** zip your project and name it as lastname\_firstname\_w-prj\_1.zip and submit it via Teams.

**Good luck!**