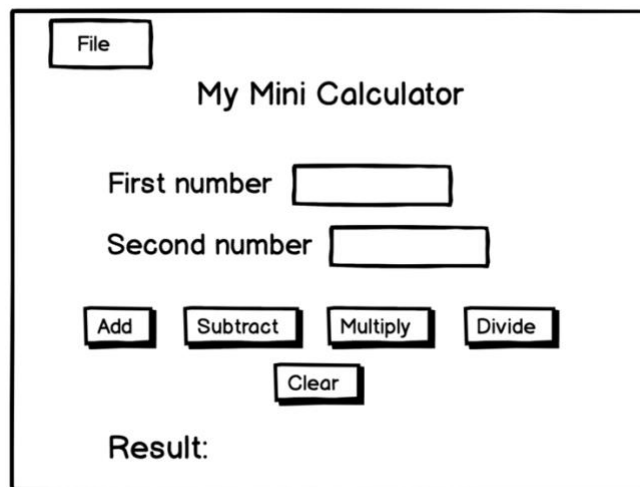# Homework 7

CST 338

Create a simplified calculator GUI using JavaFX. Here is a mockup to give you an idea of what the primary window should look like:

The user enters a "First number" and "Second number" and then presses a button for four available mathematical operations: "Add", "Subtract", "Multiply", and "Divide".

The results are then displayed to the right of "Result".

Pressing the "Clear" button will clear the two text fields and the result.

When the "File" menu is clicked, an "About" menu item will appear. When "About" is clicked, a modal window will appear with information about your application. (Your name should appear here.) When the "OK" button is clicked, the modal window should close.

(See next page)

If a user enters non-numeric values, leaves one or more text fields blank, or tries to divide by zero, a modal window will appear informing the user of the error. The program should not crash. A few examples:

When the "OK" button is clicked, the modal window should close.

Your program will be graded based on:

1. Compilation without error
2. Correct output result
3. Good programming structure
4. Comments (Title, Abstract, and Date are **mandatory** for each file.)
5. Meaningful and related variable names.