

EC447 Course Web Site

EC447 Lab 3

Due Wednesday July 12 by Midnight

For this assignment you will implement a simple four function calculator. A full working example is on the course web site is [here](#). The goal is to duplicate the user interface, styling, and functionality as close to my solution as possible.

Requirements:

1. Set the background color to Cyan
2. The form must be centered on the screen.
3. Two text boxes are used. One is for the current input and one for the result. The text must be aligned **right**.
4. Calculations are done with the input value and the previous result. Match the way the example works.
5. **The result text box must be set to readonly.**
6. The clear button saves a 0 in the result text box.
7. All calculations are done with the **double** data type.
8. Errors are reported by use of a message box as covered in class.
9. The input text box is cleared after an operation but not after an error.
10. No unhandled exceptions are allowed to be generated by a user no matter what he/she does.
11. Any significant differences between your solution and mine will lose you points. Test, test and test.
12. Be sure a title is provided with your name and lab number.
13. All text is displayed using label controls. You do not use a paint event.
14. Check your zip file carefully for completeness.
15. Read and reread the requirements and test, test, and test some more.