

Web-Based Application Design and Development (ITIS 3135)

In-class Activity #7

The goal of this activity is to utilize separation of concerns.

Part 0: Download the starting code

1. From Canvas, download yours or your partner's solved Activity 5 files i.e. **.html*, **.js* and **.css*.
2. Rename them to *LastName1LastName2-Activity7.html*, *.css* and *.js*. Change the name of the *.js* and *.css* files in the html *head* element to match your new filename. Verify the URL.

Part 1: Apply Separation of concerns

1. Your files currently contain embedded code, specifically there is embedded JavaScript in the HTML file.
2. Make the calculator function accurately without any embedded code.
3. For a binary operator, you must click on the buttons in the following order (e.g. addition):
 - a. Hit a number button
 - b. Hit the '+' button
 - c. Hit a number button
 - d. Hit the '*Calculate*' button
4. For a unary operator, you must click the buttons in the following order (e.g. decrement):
 - a. Hit the number button
 - b. Hit the '—' button
5. All operators must work.
6. Validate any HTML CSS and/or JavaScript errors.

Part 2: Upload to your partner's webspace and turn in your activity

1. Each partner should upload the *.html*, *.css* and *.js* files to Canvas, and place in the Comments section:
 - a. The correct URL to your webspace
 - b. Your partner's name.