CPSC 436I - Assignment 1

DUE DATE: **Tuesday, May 21 (4PM)**

- Final code must be committed to a Github branch (call it “Assignment1”) by the above date and time

Message List Website!

For the first assignment, you’ll be creating your own message list website (sort of like Twitter, but much less ambitious!). This should provide you with a gentle introduction to the three technologies that were covered during the workshop (HTML, CSS, JS).

We’re expecting the following:

1) An HTML file that loads a CSS file and a JS file

2) A navbar (should have functioning links to at least a home page (the main page where your message list is), and an about page (brief information about yourself, the project, etc.))

3) A form with some kind of text input or textarea, to write out a message, as well as a button to add the message to a list, and a button to clear the form

4) A stringified JSON object that holds initial messages (should be pre-filled with messages so that there are messages in the list when the site loads … and you can parse it into an object) … this is a string!

5) A list (likely unordered), made up of list items that contain the message text (it should be updated with the new message whenever you click the add button)

6) A button to clear the list of messages

7) Sufficient styling (showing some effort to upgrade the site from basic HTML), which may include things like:
    - Text color
    - Background color
    - Different positioning
    - Sizing (width, height), padding, margins
    - Etc.

8) Something cool and extra! This is wide open for you to explore, and try to push your knowledge and boundaries.
   For example:
   - you could have individual buttons for each message list item that will allow you to delete them (a button with an X or that says delete)
   - you could have the messages animate in or out of the list (using CSS animations and transitions)
   - you could have additional form elements that show up in the messages (e.g. a text input for name, a dropdown that includes different options, etc.)
   - shrinking the browser will show the website responding accordingly and re-sizing accordingly

As described in the individual assignment rubric, your code will need to meet these requirements and be functional, up to perhaps a few minor glitches in tricky cases. Note that functionality includes both user-visible and console-visible issues.

It's up to you! We're hoping that you'll use the above requirements as a guide, but that you'll let your imagination take over, and build something unique and interesting!

You should be ready to demo this to a TA during your second week lab, and should be ready to answer questions about it, as well as explaining what you've done.

HAVE FUN!!!