Front-End Web Development

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This is week 8

‣ 6 lessons to go!

  ‣ Tonight Lab session

  ‣ Wed - Review/Refactoring/Debug CSS and JavaScript

  ‣ Tue 15th - In class Final Project time

  ‣ Wed 16th - Students choice topic

  ‣ Mon 21st - Instructors choice topic

  ‣ Wed 23rd - Final project presentations

Start your engines!

‣ Connect to wifi

‣ Open your text editor

‣ Open GitHub desktop and GitHub website

‣ Open schoology

Final Project Milestone 3

- 2nd Draft HTML/CSS
- Draft JavaScript
- Due this week - Wednesday 9th March

Submit your assignment

‣ Assignment 6 - Due this week - Wednesday 9th March

‣ REMINDER: No "auto" extensions - if you need an extension please do me the courtesy of asking me personally

Reminder – Graduation requirements

‣ To graduate from the course, students must:

  ‣ 1. complete at least 80% of assigned homework
    - 8 assignments so you can only miss one!

  ‣ 2. attend 80% of classes - so you can miss up to a maximum of four

  ‣ 3. satisfactorily complete the final project (as determined by the course instructor and stated on the class syllabus).

LAB SESSION

What are we going to cover today?

‣ 15min challenge! - 15min

‣ Extend our to do list app! - 60min

‣ Break - 15min

‣ Temperature converter app -

LEARNING OBJECTIVES

‣ Apply all skills learned thus far to create:

  ‣ a to-do list application.

  ‣ a weather application

15 MIN CHALLENGE

Let's start with a challenge

‣ From scratch - hand coded - no generators or copy/paste

‣ Create an index.html file

‣ Add the minimum markup to make it a valid HTML file

‣ Add a <h1> and <p>

‣ Create and link a CSS file

‣ Add basic style to your page

Bonus

‣ add jQuery

‣ create and link a JavaScript file

‣ write jQuery to make some content appear when a button is clicked

TODO APP!

Features

‣ store list so user doesn't lose list on reload

‣ show an indicator to tell user they forgot to enter something before pressing "Add"

‣ Add a clear list button

WEATHER APP!

Features

‣ Display today's and tomorrow's high temp and description

   ‣ add conversion of temp from F to C

‣ Set background colour according to today's temp

‣ Show icon according to today's description