To-do List Lab

Lesson 16

Agenda

- Pseudocode
- Lab Time
- Homework

Pseudocode

Simple To-Do List Example:

Preview Simple To-Do List

Pseudocode

- addListItem

- removeListItem

- editListItem

- saveEditedListItem

- toggleListItemStatus

- clearAllListItems

- clearCompletedListItems

- updateCompletedListItemCount

Add List Item

- When the user submits the form to add a new list item:
    - Select the input field the user has typed their to-do list info into
    - Get the value of the input field, and store it
    - Create a list item
    - Place the text inside of the list item
    - Append the list item to our unordered list

Remove List Item

- When the user clicks remove next to a specific list item:
    - Select that specific list item
    - Delete it from the page

Edit List Item

- When the user clicks the edit button next to a list item:
    - Select the list item the user wants to edit
    - Replace the text in the list item with a form + input field whose default value is the same as the list item text
    - Show the "save" button and hide the "edit" & "remove" buttons

Save Edited List Item

- When the user clicks the "save" button:
    - Select the list item the user wants to save
    - Get the value of the input inside of this item
    - Replace the form + input field in the list item with the value of the input field
    - Hide "save" button and show "edit" & "remove" buttons

Toggle List Item Status

- When the user clicks on a specific list item:
  - Toggle a class of "done" on the selected item
    - Style this class to have a strikethrough, etc. in CSS
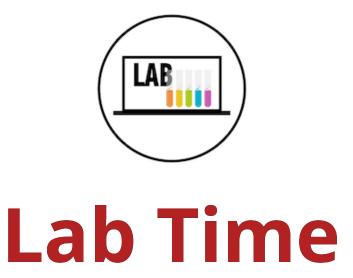
Clear All List Items

- When the user clicks the "Clear List" button:
  - Select all list items, and remove them

Clear Completed List Items

- When the users clicks the "Clear Completed" button:
  - Select all list items with class of "done", and remove them

Update Completed List Item Count

- When a list item is added, removed, or toggled as completed:
    - Get a count of all list items NOT marked as completed, and update count
    - Output this value to the HTML

Lab Time

Open: **starter_code/todo**

Directions:

1. Open the **starter_code/todo** folder
2. Create the requisite HTML and CSS files/folders
3. Build the application using HTML/CSS/jQuery

Timing:

- **15 minutes** - preview pseudocode for this lab together
- **180 minutes** - build out the HTML/CSS for the form based on the screenshot images

Tips:

- **DO NOT** style first!
- Take it step-by-step, and reference any previous ICLs and Codepens
- HINT: Look into event delegation and the .on() jQuery method

Exit Tickets

Take 5-10 minutes to give us some

(Link is in Slack Room)

Week 8 Homework

- Assignment: Relaxr Form
- Due: **Tuesday, January 15th at 11:59pm ET**
- Remember to commit/push your changes to your fork when you are done.
- Grading rubric can be found in the **Assignment** folder
- **FOLLOW THE RUBRIC!**

Final Projects

- **Milestone 4 (due Today):** Rough Draft of Final Project

Next Class...

Lesson 17 - Final Project Lab