



# LESSON 16 - TO-DO LIST LAB

# AGENDA

- Pseudocode
- To-do List Lab
- Homework

Let's take a look at the finished product...

# **SIMPLE TO-DO LIST**

# PSEUDOCODE

1. addToDoListItem
2. removeToDoListItem
3. editToDoListItem
4. saveEditedToDoListItem
5. markToDoListItemAsCompleted
  - Or switchCompletedStatusOfToDoListItem if students decide they want to be able to undo marking an item as complete.
6. emptyToDoList
7. removeCompletedToDoListItems
8. updateNumberOfToDoListItems

# ADDTODOLISTITEM

- When the user submits their to-do list item
  - Select the input field the user has typed their to-do list info into
  - Get the value of the input field
  - Create a list item
  - Place the text inside of the list item
  - Append the list item to our ordered to-do list

# REMOVETODOLISTITEM

- When the user clicks remove next to a to do list item
  - Select the to-do list item the user wants to remove
  - Delete the selected item from the page

# EDITTODOLISTITEM

- When the user clicks the edit button next to a list item
  - Select the to-do list item the user wants to edit
  - Replace the text in the list item with an input whose value is the same as the existing text
  - Show the save edit button and hide the edit button



# SAVEEDITEDTODOLISTITEM

- When the user clicks the save edit button
  - Select the to-do list item the user wants to save
  - Get the value of the input inside of this item
  - Replace the input in the list item with the value of the input field

# MARKTODOLISTITEMASCOMPLETED

If using check box method, there is nothing to do

- If using line-through method:
  - When the user clicks on the list item
  - Get the to-do list item the user clicked on
  - Add a css line-through style to the item

# EMPTYTODOLIST

- When the user clicks the Clear List button
  - Select the list
  - Empty the list

# REMOVECOMPLETEDTODOLISTITEMS

- When the users clicks the Clear Completed button
  - Select each to-do list item
  - Check to see if it has been completed
  - If it has been completed, remove the to-do list item

# UPDATENUMBEROFTODOLISTITEMS

- Select the to-do list counter element
  - Set the text inside the to-do list counter element to the number of items in the to-do list

**YOU DO: TO-DO LIST LAB**

# **WEEK 8 HOMEWORK:**

Relaxr Registration Form

# FINAL PROJECT MILESTONES

- No class next Monday, 2/19 (President's Day)
- Milestone 3: First Draft of JS (was due Friday 2/2)
- Milestone 4: Rough Draft of Final Project is due on Wednesday, 2/21