1. Open **script.js**
2. Add the **Standard Opening Comment (-1 if not included or lines missing).**
3. Add **"use strict";  (-1 if not included).**
4. Define an array, map, or set to hold the list items. **(5 points)**
5. Define a **click()** event listener for **#addItemToList** **(2 points)**, which accomplishes the following:
6. **Trim**the contents of the text field **(2 points)**.
7. Replace the contents of the text field with the trimmed value **(2 points)**.
8. If the text field is empty, display an error such as the one shown the the image below **(2 points):**
   1. **“This page says** “Error! Franz Liszt’s list item cannot be empty. This is unacceptable. Franz Lizst demands you correct his list!
9. If the text field is not empty, check to see if the array, map, or set already contains the input item. If the item already exists, display an error such as the one shown in the image below. The duplicate check should be case insensitive, meaning Apple and apple should be seen as duplicates**(5 points)**.
   1. “**This page says** “Error! You are attempting to enter a duplicate value!”
10. If the array, map, or set does not contain the input item add the input item to the array, map, or set. Then, use jQuery methods to append the item to the existing unordered list with the ID value **#listItemsHolder** – an example of this is shown in the image below**(2 points)**.
11. Franz Liszt’s list should hold a maximum of six items only. Attempting to input more than six items should display an error such as the one shown in the image below. Items in excess of six should not be stored. **(5 points).**
    1. **“This page says “Error! Franz Lizst’s list can only hold 6 items!”**
12. Define a **click()** event listener for **#clearList** **(2 points)**, which accomplishes the following:
    1. Use jQuery methods to clear the contents of the unordered list with the ID value **#listItemsHolder**. **(2 points)**
    2. Clear any array, map, or set holding list items internally. **(2 points)**
    3. Reset any other structures you may have used to track item count. **(2 points)**
    4. The user should be able to clear the list, then add six new items without having to reload the page. **(5 points)**

Wrapping Up

1. **Test that your code is error free**: If the solution does not load or if errors appear in the console, the max score for the assignment is 50%.
2. This assignment's main focus is jQuery. Using JavaScript in places where jQuery is expected will result up to -25% deduction.
3. Make sure only external JS is present**(-3 points if inline JS is used).**
4. Double check that you did not use the **var**keyword for declaring variables**(-3 points if var is used).**
5. Make sure your JavaScript is clean, consistent, and organized. Check the [*JavaScript Style Guide*](https://canvas.mccneb.edu/courses/46727/files/7176260?wrap=1) for guidance on writing clean and consistent code **(3 points).**
6. Add comments to your code to explain *your* understanding of what’s going on: The comments must be substantive (meaningful) – when creating your comments, consider explaining the selected aspect of the application to someone who has absolutely no idea what this code does **(-2 points if no comments or lack thereof).**