**Learning Outcome 6 – Learning Step 2 Practice:**

Edit **learning\_letters\_A\_start.html** (from **J:\CST\CST1\CWEB190\lo6**) so that the following actions are taken upon the specified user actions. Use appropriate jQuery methods, except for step 1, which can be done in CSS. Put all of your code in a separate script file.

***Names of elements in the page:***

|  |  |
| --- | --- |
| **id or class** | **Contents** |
| id "displayChoices" | Orange bar that reads "Letters" |
| id "choices" | Yellow bar with choices of letters (not functional) |
| id "game" | Area with instructions and letters to click |
| id "symbols" | Area with letters to find |
| class "target" | Letters to be clicked on |
| id "done" | Green box with red message "GOOD JOB!!" |

1. The element with the contents "GOOD JOB!!" should not be displayed when the web page is first loaded.
2. When the web page is first loaded, display to the console the number of elements in the page that have the class "target".
3. When the user clicks on the yellow box (displaying the letter choices, which currently do nothing), the yellow box (only) should be hidden immediately.
4. When the user clicks on the orange bar that reads "Letters" with the yellow box hidden, the yellow box should be displayed again immediately.
5. When the user clicks on the orange bar that reads "Letters" with the yellow box displayed, the yellow box should be hidden immediately.
6. When the user clicks on the orange bar that reads "Letters" or on the yellow box, the span that has the "-" (dash or minus sign) should change so its contents will be a "+" (plus sign) when the yellow box is hidden; or changed back from a "+" to a "-" when the contents are displayed again. This change should be immediate (at the same time that the yellow box is hidden/displayed).
7. When the user clicks on the instructions header that reads "Click or touch this letter: **A**", that header should slide up, taking 1 second to do so.
8. When the user hovers over an element with the class "target", the specific element that is being hovered over (only) should have a background color of "lightgreen". The background color should be removed when the user is no longer hovering over the element.
9. When the user clicks on an element with the class "target", the specific element that has been clicked should change as follows:
   1. The content of the element should immediately change to a checkmark (✔, which is Unicode "\u2714")
   2. The class "selected" should immediately be added to the element
   3. The element should fade out slowly
10. The first time that the user clicks on an element with the class "target", the instructions header that reads "Click or touch this letter: **A**" should slide up, taking 1 second to do so (if it has not already done so).
11. When all of the elements with the class target have been selected, the div with the id "symbols" should slide up (at a normal speed), and the element with the contents "GOOD JOB!!" should slide down, taking 1 second to do so.
12. When the element with the contents "GOOD JOB!!" is clicked, the web page except for the yellow box should revert to its initial state (instructions header visible; "GOOD JOB!!" hidden; symbols displayed; and all elements with the class target showing their initial contents with their initial appearance). The yellow box should remain in its current state (hidden or displayed).