Week 6: Exercise 6

# CSS Creation, Linking, and Publishing

## **PART 1: Connecting the HTML and the CSS**

1. Download and extract the files in the **exercise6** folder to the **exercise 6** folder of your **practice\_exercises** folder on your USB drive.
2. In the **exercise 6** folder, look for the **trillium** folder.
3. Open the **trillium** folder, and look for the **trillium.html** page.
4. Open the **trillium.html** page in a browser.
5. Simultaneously, open the **trillium.html** file for editing in **Notepad++**.
6. Using Notepad ++ or your preferred text editor, create a blank CSS file named **trillium.css** (use the video **Creating A Blank CSS file** and the **skeleton.css** in your modulefor reference, if you need.)
7. In the **trillium.html** file, create a <link> tag to link from this page to the external style sheet that you just created named **trillium.css** (Refer to **page 105** in the text for an example, or check out the video **Linking CSS to HTML** in your module.)

***Important Note: Edit the head of each of the above files with the Required Documentation. Make sure that this displays correct information for author, date, assignment, and so forth. Keep in mind that trillium.css should be added to the list of supporting files in the trillium.html.***

1. Save the changes to **trillium.html** file and close it but leave it open in the browser.

## **PART 2: Practice Using CSS Styles**

Below the documentation in your **trillium.css**, create the following styles. **After each step**, save the **trillium.css** and refresh the browser that is showing the **trillium.html** to see the change.

1. **Page 97**: create the styles for the **body** selector as shown.
2. **Page 98**: create the styles for the **h1, h2, p,** and **ul,** selectors as shown.

## **PART 3: Practice Using Class & Div IDs**

1. **Page 101**: create the styles for the **nav** selector as shown.
   1. Create a class named **.feature** as shown.
   2. Open your **trillium.html** file for editing in **Notepad++**.
   3. In **trillium.html** also modify the two **<li>** tags as shown.
   4. create the styles for the **footer** selector as shown
2. **Page 103**: create a class named .company as shown.
   1. In **trillium.html** modify the first paragraph using a <span> tag as shown.
3. **Page 109**: create an id named #wrapper as shown at the bottom of the page.
   1. In **trillium.html** create opening and closing <div> tags as shown at the top of the page to apply this id to the entire page body.

*Important Note: indent the wrapper div inside the body and indent everything inside the wrapper div. Compare your page to Figure 3.21 on page 110.*

1. Compare the results in your browser to **Figure 3.21** on **page 110** they should look very similar.
2. Once you have your browser looking like **Figure 3.21** on **page 110** then modify the rules for the **h1**, **nav**, and **footer** selectors to also center them.

## **PART 4: The Descendant Selector**

1. Using **page 102** as a reference: create a new **descendant selector** named **nav a** (*do not modify the* ***nav*** *selector*). This will apply only to anchor tags located within the **nav** element. Using the table on **page 85** as a reference do the following:
   1. Use the **text-decoration** property to remove the underline from the links.
   2. Use **margin-left** and **margin-right** properties of 5px to create space between the links.

(***Hint: When you are done you should have three declarations***)

1. Save both your **trillium.html** and your **trillium.css** files.
2. Validate your **trillium.css** file using <http://jigsaw.w3.org/css-validator/>
3. Validate your **trillium.html** file using <https://validator.w3.org/>
4. Be sure you **correct any errors.**

## **PART 5: Submit Your Assignment:**

1. Save both **trillium.html** and your **trillium.css** files in the **trillium** folder inside of the **exercise6** folder on your USB drive
2. Upload the **trillium** folder from your USB to your **exercise6** folder in your ITE server directory.
3. Create the correct URL for the page **trillium.html** file.
4. Once you have the URL then submit it to the **Dropbox for Exercise 6** by going to that assignment and pasting the URL in to the appropriate place.

*IMPORTANT NOTE: It’s a very good idea to paste the URL you formulated into a browser to double check that you have your path correct and that the page that displays is the one you want to display. If it does then I would copy that address from the browser to help avoid typos in the URL.*