Web Site Project:

For this project you will work with a partner to create a Web site using HTML5 and CSS. The site can be on any topic that interests you. The site should be polished, with a professional look, easy navigation, and a clear, logical layout. Your completed site will be published (i.e., uploaded to a Web server), so everyone with access to the World Wide Web will have access to your Web site. Keep this in mind when developing content for your Web site – your grandmother will have access to this site. You may use Adobe Photoshop to create images for your Web site.

Notes: Your web site must be hand coded. You may not use any Web development software to create this site.

Rules for working with your partner:
- *One partner will work on the laptop, and the other partner will direct the person on the laptop.*
- *Every 15 minutes, you should switch who is working on the laptop, and who is directing.*
- *Along with your Web site, you will be required to turn in an evaluation of your partner's participation in the Web site development process. This will be part of your Web site grade.*

I strongly suggest both partners have complete copies of the Web site at all times (as much as possible)

Be sure to get your partner's email address and contact information.

Regardless of your partner's participation, you are responsible for a complete Web site. *Your partner's grade will be affected by your evaluation of their participation.*

Web Site Requirements:
Overall rules:
1. A minimum of 3 separate html pages
    a. At least 2 of the pages should be in one folder
    b. At least 1 page should be in a separate folder
    c. All three pages should link to each other
2. A separate folder named "images" must contain all images used in your Web site
3. The site must be hand coded
4. The site must contain nothing other than html and css (e.g., no javascripts, php, etc. at this point)
5. All pages on the site must validate using the **w3c validators**
6. All pages must be uploaded to the Web server successfully with permissions set so that the world can see and access everything on the Web site.

HTML Requirements:
The site must contain at least (at a minimum!!!):

7. 1 image
8. 1 image as a link
9. a title
10. 3 different headers (e.g., <h1>,<h2>, etc.)
11. 1 header occurring more than once
12. 1 table
    a. with at least one rowspan or colspan set greater than 1 (e.g., colspan = "3")
13. 1 table inside a table
14. 1 table with headers (Note, you could have one table containing all of 12-14 requirements, or you can have different tables)
15. 1 unordered list
16. 1 ordered list

17. 1 paragraph
18. 1 form with a:
    a. Submit button
    b. Radio button
    c. Text field
    d. Check box
    e. Drop-down list
    f. Text area
19. 1 absolute link (link to a Web page in another domain)
20. 6 relative links (to the other Web pages in your Web site)
21. 1 link to a place **within** the same Web page
22. 1 link to a place **inside** another Web page in your Web site

CSS Requirements:

You must also add style to your Web site using CSS.

You must include:

- one style definition inline
- one style definition in the header
- all other styles must be defined in a separate file that you've linked to from your Web site (keeping almost all styles in one separate file will make editing and modifying style easier).

When creating styles for your Web site, you must include:

1. a style tag setting:
    a. font color
    b. style
    c. size, and
    d. family
2. a style tag with the line height set
3. a style with some color set using hex numbers
4. a style with a border (width, color, style)
    a. a tag with a border on only one side
5. a style with padding set
6. a style with margin set
    a. a tag with the padding and margin different for one side versus another side
7. a style with a background color
8. a style with a background image tiling throughout
9. a style with a background image not repeated and positioned
10. a style with the background image either repeating horizontally or vertically only
11. a class tag defined with its own styles
12. a div tag defined with its own styles
    a. a tag within your div tag given its own style (e.g. specifying a separate style for paragraphs within your div tag)
13. a style that is positioned absolutely
14. a style that is positioned using float

Extra (5 pts)

15. A style that has the opacity set
16. A style that has curved borders

The web site will be rated for:

1. Technical competence (65%):
- Has it been uploaded successfully?
- Have all the requirements been met?
- Do all the links work?
- Have the images loaded successfully?
- Are there any tags that shouldn't be there?
- Do things look like you expect them to (e.g., paragraphs aren't squished in an odd way)

2. Clarity (10%):
- Can you read text on the web site easily?
- Can you figure out how to navigate through the site (do the links make sense)?
- Can you figure out what the web site is about?
- Can you follow the layout comfortably?
- Do the images and text associated with headers or specific pages make sense?

3. Overall design(20%):
- Pages look good?
- Design fits with content of the page?
- Look is polished?
- Look is unique?
- Did you put a lot of effort into the Web site?

4. Peer Review Score (5%):

Extra Credit (1 – 20 points depending on overall look and effort):
Create a completely different look for your web page by creating a second style sheet.
In order to see the new style, the only thing you should have to do is change the link on each web page from the first style sheet to the new style sheet.