Assignment 4

Make small modifications to the provided peeps.html document as indicated—and *only* these modifications—and create a CSS external style sheet named peeps.css that will style the HTML document as shown, following the detailed requirements given below.

Allowable Help

For Gilligan's Island purposes, you do not need to report help obtained from classroom materials (blogs, slides, your classroom notes) or from https://www.w3.org/TR/CSS2/ (part of the W3C's CSS specification; although not entirely up-to-date, this is sufficient for our purposes). All other help needs to be reported.

Modifications to peeps.html

1. Add HTML markup to peeps.html **where indicated by the comment**
   ```
   <!-- ADD MARKUP ON THE NEXT LINE TO INCLUDE peeps.css FILE. -->
   ```
   that will import your peeps.css external style sheet into the HTML document. In particular, your markup should be added *before* the `style` element contained in peeps.html.
2. Modify the HTML markup to indicate that the first paragraph (p element)—the one containing the text beginning *Chickens*—should be styled by CSS declarations associated with two CSS classes, one named "excitement" and the other named "subtle".
3. Also modify the HTML markup to indicate that the footer element (near the bottom of peeps.html) should be styled by CSS declarations associated with the "subtle" CSS class (only).

Requirements for peeps.css style sheets file

4. Make the background color of the entire page lightyellow (this is a valid CSS color name).

5. Turn off the border around the outside of the table. Hints: This can be done by setting the width of this border to 0px, although it should be kept in mind that your style sheet is being imported prior to the embedded style sheet. Normally, all else being equal, if two rules apply to styling an element then the later style rule takes precedence over earlier ones. There is a way to override this; use it in what you write. Do **not** make changes in the peeps.html file to accomplish this requirement.
6. (2 pts) Style em elements so that they do not use an italic style font, as is the default in most browsers, but instead display text in small caps for emphasis. (We have not covered small caps; you will probably need to do a little bit of research. If you use something other than W3C resources, include in your Blackboard submission where you found the information you needed.)
7. Define the "excitement" class so that HTML elements belonging to this class normally (unless overridden by some other styling) have a background color that has color values (in hex) a4 red, 0 green, and 87 blue and a text color that is white.
8. When the mouse hovers over an element belonging to the "excitement" class, the background color should change to value d4 red, 0 green, and a5 blue.
9. Style elements belonging to the "subtle" class to have a font size that is only 75% of normal, and do this using em units (1 em is the normal font size).
10. Style paragraph (p) elements that also belong to the "subtle" class to have a font size that is 90% of normal.
11. (2 pts) Style the chick image element (which has id attribute value of "chick") so that the HTML elements that follow it flow around it to the right, as shown in the screenshot above. The image element should have a margin on the right (only) of 15 pixels. Set the width of the chick to 95 pixels and height to 126 pixels (approximately half its natural width and height). Again, you'll probably need to do a little research; report on anything you use other than W3C material.
12. Style the ordered list so that the numbers are positioned "inside" the list items (by default, the numbers are placed outside the list items). Hint: Use the list-style-position (or list-style) CSS property.
13. Style the text within the footer element to be right-aligned. Hint: Use the text-align property.

Grading
Each numbered requirement is worth 1 point unless otherwise noted.

Submitting Your Solution
Submit both your modified peeps.html and the peeps.css you create at Blackboard. Also, create a subdirectory of your Linux public_html directory (you can use mkdir from the command line to do this), giving the subdirectory a hard-to-guess name, and place your files in this directory. As part of your Blackboard submission, also provide me with the URL of your .html file (along the lines of http://www.mathcs.duq.edu/~*yourmathcsid*/*weirddirectoryname*/peeps.html, where *yourmathcsid* and *weirddirectoryname* are replaced with appropriate strings). When viewing the page using this URL, clicking the Validate link will ask the W3C's CSS validator to check your CSS. This could help you to find problems in your style sheet.