

CSS: Lists and Tables

We are going to update our lists and tables webpage!

1. Bring up your html file that contains the lists and table we created a few weeks back.
2. Link to a CSS file (Note: You can use the same css file that your index.html file currently uses if you prefer)

Lists

3. In the CSS file, modify **both** your **ul** and **ol** tags so that they are not the defaulted bullets/numbers. Example is below:

```
ul { list-style-type: square;}
```

(to view more options besides square go to:

http://www.w3schools.com/cssref/pr_list-style-type.asp)

Links

4. Create a link to bring people back to your main index.html page. Modify **each** of the following in the css (you can modify colors, fonts, sizes, etc for each option):

:link (the link)

:visited (link you visited already)

:active (when you click a link)

:hover (when your mouse is over a link)

Watch what happens when you put your mouse over the link, away from the link, click on the link, etc.

Example:

```
a:link {color:green}
```

or if you don't want to modify all the links on your page to the color green you can use a class:

```
a.ex1:link {color:green}
```

Tables

5. In your html file, remove the border=1 attribute you had put on your table (we will do this with css now).
6. Based on what we learned last week, let's put a border on our table. Note: You can do something like the below to create your border with css. Watch the video posted this week (and last week) and play around with the options to get it to look exactly how you want. You do not need to do exactly what I did below – but this will give you a start to play around with the css. You can add any padding, other border options, etc.

```
/*This will create a border around the table*/
```

```
table{  
    border-collapse: collapse;  
    border: 1px solid black;  
}
```

```
/*This will create borders around each cell */
```

```
th, td {  
    border: 1px solid black;  
}
```

7. In your css file, set the style for the heading row with options that you want. Example:

```
thead{background-color:aqua}
```

8. In addition, when someone **hovers** over the heading row in the table its background color should get changed (watch the video for help on this).

9. Modify any of your columns or rows with at least one of the below:

Examples:

```
td:first-child {background-color:purple} /*modifies the first column*/
```

```
td:nth-child(2){background-color:green}/*modifies the second column*/
```

```
tr:nth-child(even) {background-color:yellow} /*modifies all even rows in the table*/
```

CSS Rules

10. Create a new css rule for a **descendent**. Have the list items be displayed in some different way only for unordered list items but not ordered ones. In my example below – I have a background color show up for my list items in my unordered list, but not my ordered list. Watch the video on CSS Rules to see what a descendant is. Here when li is a descendant of ul the below should occur.

Example:

```
ul li {  
    background: #cce5ff;  
    margin: 5px;  
}
```

Validation and Submission

11. Upload and validate the html and css pages using the html and css validator.
12. No need to submit anything since I have your URLs. If your URL is different than email it to me.