

CSS Basics –Text and Font

Part 1 Using CSS:

HTML File:

1. Bring up your index.html file that we created for our homepage in our first assignment.
2. Make sure you are using at least 2 paragraphs with paragraph tags (<p>). If not add them.
3. Link to an external style sheet from your index.html file. In the <head> section of the html page include a line: <link rel="stylesheet" href="style.css">

CSS File:

Hint: You can use our CSS cheatsheet for different text and font options: <http://cs.neiu.edu/~radler/cs412/cssCheatSheet.html>

4. In Notepad++, create a CSS document called style.css (Make sure you save it as type .css)
5. Have your heading (h1, h2, whichever you used):
 - a. Appear in a color of your choice
 - b. Be centered on the page (text-align: center;)
 - c. In the font family of your choice
6. Specify a font family and font size for the paragraph tag.
7. Remove the underline in your links.
8. Go back to the index.html page and add an id to one of the paragraphs.

For example, let's say I wanted a paragraph that serves as an alert on a page. I do not want it to look like all the other paragraphs on the page, but I want it to stand out so people are sure to notice it. I could add **id="alert"** to that paragraph, like this: (p.s. No, classes are not cancelled!)

```
<p id="alert">Important! All classes are cancelled today! </p>
```

9. In the CSS file, specify the changes you would like for this specific paragraph (perhaps a different font-family, size, color, etc.)

10. Add BOTH a span and div tag somewhere in the html file and set the property in css.
11. Add the same class attribute to at least two tags, and set its css properties.
12. Note – for this assignment you may not have any inline css or css in your style tags in your main page – I want to see all css in the separate file. For those students who previously used CSS in a previous assignment, please fix up all the CSS so that it's in the external style sheet.

Part 2 Lists and Links:

1. Bring up your html file that contains the lists we created previously.
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}
```

Part 3: CSS Rules

1. 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;  
}
```

Part 4 Upload and Validate

1. Upload both html and css pages.
2. Validate both the html and css pages (to validate a css page use: <http://jigsaw.w3.org/css-validator/> the html page is still <http://validator.w3.org/>) If there are any errors – fix them and upload and validate again.
3. Submission: No need to submit anything – I already have your URL from the first assignment. If I don't have your URL then email me your URL.