

Web Lab #7 CSS

This lab will introduce the CSS (Cascading Styling Sheet) page. This page will allow you to style just about everything on your page in almost any way you would like. To start things off, we shall explore setting up some general rules that will apply to your whole web page.

Info: Websites to go to for additional info

W3Schools – Online web tutorials and coding list – www.w3schools.com

Color Picker – Select your colours with the colour picker – www.w3schools.com/tags/ref_colorpicker.asp

Important: Create a new folder inside your website folder and name it “css” (without the quotes) and save your css file in that folder (that you will be creating).

Instructions:

1. Open Dreamweaver and select New CSS.
2. To style elements of your html page, you need to type in what you want to style
 - a. Start by styling everything in the body of your HTML page
 - b. Type `body{}`
3. Next after the opening `{` type in font:
 - a. Font styles your font in 5 ways all at once without having to do five separate lines of code
 - b. First is font-style: this one tells the browser to either display the text in italics or regular
 - i. Normal = regular
 - ii. Italic = italic
 - c. Second is font-weight: this one tells the browser how **bold** your font will be.
 - i. This value is entered as numbers like 650 or 400, etc.
 - ii. 500 is regular so be your own judge.
 - d. Third is font-size: this one tells the browser how big your font is and how much space between lines of text there should be.
 - i. An example of this is 1em/1.4
 - ii. 1em = the length of a “m” standing sideways
 - iii. The 1.4 is the line spacing same as in Microsoft Word
 - e. Lastly, is font-family: This one tells the browser which font to use and if need be which font to use in case the first font is unavailable
 - i. Your primary font is written “Times New Roman”, quotations are included.
 - ii. After the comma then choose a secondary font like Arial or Serif, or Sans-Serif no quotations.
4. So in CSS an example of doing all this at once is:
 - a. `body{ font: normal 500 1em/1.4 "Times New Roman", Arial, Serif;}`
5. Next in after a semi-colon add in text-align: left, right, or center
 - a. This code aligns your text either left, right, center

6. Next add in max-width: 1280px
7. Add in min-width: 800px
 - a. These codes determine the maximum and minimum your site will stretch and shrink to.
8. Lastly, input background-color: #fff
 - a. This code determines your background color for your site
 - b. Use the color picker using the link at the top of this lab.
 - c. Since a full code is #00ff22 we can shorten the 6 values to 3 to #0f2

My example of the code in one shot is:

```
body{  
font: normal 500 1em/1.4 "Times New Roman", Arial, San-Serif, Serif;  
text-align:center;  
max-width:1280px;  
min-width:800px;  
background-color: #fff;  
}
```

Validate your CSS page by using the w3c CSS validator – google CSS validator and you should find it.

Make sure to enter this code into the <head><link rel="stylesheet" type="text/css" media="screen" href="css/yourcssname.css" /></head> section of your HTML page

Submit your zipped folder into the dropbox online.