LAB 02 – Introduction to CSS

# Readings:

[**Introduction**](http://www.w3schools.com/css/css_intro.asp) to CSS

**References**:  
[**Lesson 4 Introduction to CSS,** HTML5, JavaScript, and jQuery 24-Hour Trainer, by Dane Cameron 2015.](https://learning.oreilly.com/library/view/html5-javascript-and/9781119001171/)

## Consider The Following

* What is difference between a CSS selector, declaration, property, value?
* What is the difference between an **id** and a **class** selector?
* What are 3 ways of incorporating CSS into your web pages?

## **Complete the following tasks**

1. Download and unzip the “**02 - Lab 01 CSSExercise1.zip”** file from the Brightspace course page and Import (copy) the folder to your web site.
2. View the unformatted pages.
3. Create a folder named **Assets** in your web site and add a style sheet file to the folder called **siteStyle.css**.
4. Define the following CSS rule:

h1 {

font-family: Verdana, Arial, Helvetica, sans-serif;

font-size: 24px;

color: #0099CC;

}

1. Open the **CSSPage1.html** and attach the CSS style sheet **siteStyle.css** sheet. Preview the page in the browser and note the change.
2. Add a rule to the CSS page to change the text: “Styles Solve a Common Problem” so that it follows these rules: (Make sure you add the rule to the external CSS page.)

font-family: Verdana, Arial, Helvetica, sans-serif;

font-size:18px;

color:#0066FF;

1. Add these rules to the paragraph selector:

font-family: Verdana, Arial, Helvetica, sans-serif;

font-size: 12px;

color: #0000FF;

1. **Navigation Links**: Link the pages using the **Next>>** or **Home** text at the bottom, CSSPage1 to CSSPage2 to CSSPage3 and back to the CSSPage1.
2. **Navigation Bar**: Enclose all the navigation links on each of the three pages of the site in a div element. Wrap the div element around the selection and give it an id of navigation. Create a new style rule for the div so that it has a light grey background. Feel free to customize the CSS rules to improve the appearance of these elements.
3. Modify the CSS Rule Definition for the paragraph element in the CSS file to set the line height to 1.8 ems then modify the text alignment to justify.
4. Place some pseudo class style rules for all link (<a> elements) contained in the navigation div elements, as follows:

div#navigation a:link {

font-family:Verdana, Arial, Helvetica, sans-serif;

font-size:12px;

color:#0000FF;

}

div#navigation a:visited {

font-family: Arial, Helvetica, sans-serif;

font-size:12px;

color:#0000FF;

}

div#navigation a:hover {

font-family: Arial, Helvetica, sans-serif;

font-size:12px;

color:#000099;

background:#FFFF00;

}

1. Add an h3 element below the navigation links on each page. Add the following text to the element: “Prepared by student Name” and substitute your name for “Student Name.” Set the style for the h3 element in the CSS file as follows:

Geneva, Arial, Helvetica, sans-serif

10px

#FF0000

1. Set the body background color to #FFCC99 in the CSS file.
2. Attach the style sheet to CSSPage2.html and CSSPage3.html and verify that all the formatting has been applied to all three pages.
3. View the pages and test the links.

(end of lab 01 Part B)