WEBD 1000 CSS TYPOGRAPHY & sElectors

**Website Development**

# Instructions

**You will complete the following steps in class and post the file(s) that you are asked to produce to the Brightspace dropbox for today’s in-class activity. If you need help with any step, ask the instructor.**

1. Go to the [CSS Diner](https://flukeout.github.io/) application.
   1. Start a Word Document called “EX5\_Diner\_Steps\_[YourName].docx”.
   2. Do the first 14 steps. For each step, copy a screenshot in the Word Document showing successful completion of the task.
2. In the BrightSpace dropbox for today’s activity, you have been provided with with a ZIP file containing some file resources for a web page:
   1. An HTML page called *index.html*
   2. An image called *schoolbussafety.png*
3. Copy the site to an Exercise 5 folder in your preferred folder location for this class.
4. Open the site files in NotePad++ (or the editor of your choice):
   1. Preview the *index.html* file in a browser. Your page should look like the BEFORE image on the following page.
   2. Add a CSS page to the website called *styles.css* and properly link it into the HTML page.
   3. You will make the following additions to the new CSS page. (NOTE: YOU MAY NEED TO ADD CLASSES AND IDS TO THE HTML PAGE TO MAKE SOME OF THIS POSSIBLE):
      1. Set the charset of the CSS file to “UTF-8” appropriately.
      2. Add a comment marking yourself as the author and with today’s date (in the CSS file)
      3. Set the background colour of the whole web page to a **sky blue** colour.
      4. Set all of the font color to white for the whole web page and center all of the text.
      5. Set the heading at the top to be 3 times default size (i.e. via either **percent** or **em**).
      6. Set the strong tags to be **italicized** and **underlined**.
      7. Set all of the paragraph text in the webpage to use **Verdana** as the preferred font, but to failover to either **Tahoma** or a generic **sans-serif** font if not available.
      8. Set all of the paragraph text to be either 20% bigger or 1.2 times it usual size.
      9. Set individual paragraphs (i.e. by adding ID’s to the HTML) as follows:
         1. Set paragraph 1 to have a **rgb(255,0,0)** background-color that is 50% transparent.
         2. Set paragraph 2 to have a **rgb(0,255,0)** background-color that is 50% transparent.
         3. Set paragraph 3 to have a **rgb(0,0,255** background-color that is 50% transparent.
         4. Set paragraph 4 to have a **rgb(255,255,0)** background-color that is 50% transparent.
         5. Set paragraph 5 to have a **rgb(0,255,255)** background-color that is 50% transparent.
      10. Now the white font is a little hard to read on the lighter colour paragraph backgrounds. So, set paragraphs 2, 4,& 5 (i.e. by adding CLASSes to the HTML) as follows:
          1. Make the font bold in those paragraphs.
   4. **See the AFTER example on the next page for an idea of what the Webpage should now look like.**
5. Once the above Step is completed, validate the following **styles.css** file using the W3C CSS validation website. Take a screenshot showing successful validation.
6. Post a ZIP file containing both the **Word Document** from Step 1 and **index.html** & **styles.css** page plus **screenshot of successful validation** from Step 2 to the Brightspace Dropbox for the fifth in-class exercise in order to obtain credit for completing it.
7. That’s it.

# Highly Recommended

**There is no need to submit the results of this part of the activity and it will not be graded. However, it will be excellent practice for the upcoming assignment. If you need help with any step, ask the instructor.**

1. Complete the Tutorial 2 – Session 2 practice steps from the Textbook. The practice tutorial steps are in light brown or beige boxes within the chapters of the textbook. In this case the tutorial steps begin on page **HTML112** (Section 2-9a) and conclude on page **HTML132** (Section 2-13b) for this Session. **This tutorial continues on from work in the previous Session (2.1), so you may need to go back and complete that if you have not already done so.**
2. Once the above Step is completed, validate the following files using the W3C CSS validation website:
   1. *tss\_styles.css*

# Before:

Graphical user interface, text, application, Word

Description automatically generated

# After:

Graphical user interface, website

Description automatically generated