DWS +Lab 1

DWS - Lab 1 - Selectors

Overview:

Lab Activities are a primary means of assessing your understanding and implementation of the concepts and objectives of this course. You will need to have completed all of the previous research and lab activities to accomplish each of these activities. This document is only intended to guide you through the sequence of steps. The actual implementation of how to accomplish each step is left to you and has been covered extensively in your previous lectures, research, reading, and Lynda.com video assignments.

Objective:

Further your understanding of CSS selectors. Become proficient writing selectors that target desired HTML elements. Demonstrate your ability to create CSS in various locations using different methods. Examine and explain the components that comprise a CSS ruleset.

Instructions:

Please consider following the sequence of steps listed below to complete this activity.

Step 1. Create two copies of the provided HTML file. Style the HTML file using inline styles only. Every element will need to be styled. Save your copy as index_inline.html.

Step 2. Rename one of the copies index_embedded.html and style the entire webpage using embedded techniques only.

Step 3. Rename the final copy to index_linked.html and transfer your styling to a CSS directory on the same root level.

Note: We have not covered many CSS property and values at this point. We have seen a few and talked about changing color the most. So for this assignment, you may find that most of your selectors should use colors. For example. color: red; would be a simple declaration to use for paragraphs.

Feel free to experiment with other properties and values, but the primary focus of this assignment is for you to learn how to write CSS, link it to a document and understand what selectors are available and how they work.

DWS +Lab 1

Step 4. The CSS selectors that will need to be utilized are as follows:

- element
- class
- id
- multiple
- descendant
- universal
- pseudo-element
- pseudo-class

Step 5. You will review what you have been taught in lecture today and write a research paper. Your paper will need to be typed in MS Word or similar application. Double spaced, 1" margins, black, 12pt font in Times. You will need to cite your sources on a separate page. Your paper should explore the benefits of using CSS. It should include the primary places in the document where CSS can be written and you will need to create and include a visual diagram labeling the syntax of a CSS ruleset in your paper. Proper grammar and professionalism is expected. Place your completed paper inside the lab directory folder you will be submitting. The paper should be 1.5 - 2 pages in length plus your works cited page.

Final Hand-in:

Upload your completed document to your git repo on github. Create a text file and provide the link to your repo and gh-pages branch in this file. Place this text file within your lab directory and submit this in a zip file named lastname_firstname_lab1.zip to *afp://dropbox.fullsail.com* placing your file in the DWS directory. When unzipped, a folder with the same naming convention should be displayed and I should find 3 html files, a text file with git repo and gh-pages link, and a research paper.

Assignments are always due prior to the start time of the following lecture. Failure to upload assignments correctly and/or on time will result in a zero for the assignment. No exceptions. Plan accordingly.