

DWS +Lab 4

DWS - Lab 4 - Graphics

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 CSS3 properties and values. Your site will explore the uses of CSS3 gradients to create backgrounds and buttons. You will learn to create image sprites in photoshop and create dynamic navigation menus. You will learn how to apply textures and patterns to your site. You will further your understanding of floats and creating layout. This assignment should look like a professional website that could be found on the web today.

Instructions:

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

Step 1. Download the Lab4 zip file which contains any HTML needed for this activity.

Step 2. Rename the unzipped directory to reflect the submission requirements. Create a new CSS directory within the directory you just renamed and place a new CSS file in that location.

Step 3. Link your HTML document to this new CSS document. While in the HTML, familiarize yourself with the page structure. Apart from linking the CSS to the HTML, creating div/span tags where needed and adding class/id attributes, you will not need to, nor should you, modify the markup. Modification of markup will result in a loss of points.

DWS +Lab 4

Step 4. Using what you have learned, style the HTML however you please using proper CSS syntax and CSS comments. While you may not wish your design to include all of these, it is a requirement that you do so only to become familiar with them. Rest assured, your future projects will not have to include all of these. The requirements that should be utilized are as follows:

- CSS3 gradient applied to the background
- background pattern or texture applied to site
- CSS3 gradient used to create a CTA button
- page is centered in the browser
- site is a 2-column layout
- navigation is a sprite and graphical in nature
- font replacement with CSS3 techniques used (webfont, @font-face, etc.)
- images resized accordingly to work for your gallery and site

Step 5. Ensure that your HTML and CSS files validate against a strict HTML5 DOCTYPE and the CSS specifications. Any CSS3 used will not validate. That is alright. However, errors triggered from invalid CSS 2.1 will receive a deduction.

Step 6. Ensure that your code is well formed and commented. Erroneous and redundant code will result in a loss of points.

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_lab4.zip to <ftp://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 the index.html file, a text file with git repo and gh-pages link, a css directory with a css file inside, and the image directory.

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.