

Due Wednesday, March 9th 2016 23:55 – Week 6

Late submissions will be penalized by 5% per day (or part thereof), up to 20 days. After 20 days, the assignment will be given a 0%.

Purpose: You are going to learn how to create the CSS for a website to match a certain look and feel.

Requirements: To complete this project you will write and **submit 2 files:** one HTML document and one CSS document.

Create a file called `lab1.html` which contains the HTML of a blog page. Create another file `lab1.css` which is linked from `lab1.html`, and which contains all the style formatting of the document. **These files must match the specification given below.**

These files will be created as an ASCII file (i.e. a plain text document with a .html extension). You may create them with any editor (notepad/wordpad/MS Word) but you must ensure that they are text files. In other words, they should not contain anything except ASCII characters (including HTML tags/CSS rules and content).

This time YOU MAY USE A WYSIWYG EDITOR! This editor can be used to generate your HTML document. All style must be applied in the file `lab1.css`, which must be coded “**by hand**” without the use of any automated CSS code-generation tool.

The purpose of this lab is to create a blog page for one of your interests. These interests may be fictional, if you wish. Be as creative as you wish, although points are not awarded for this. ☺

The page will contain some placeholder blog entries (i.e. all static content).

Each blog entry is dated and has a title (heading) and one or more paragraphs of body text. For the date, use a `<time>` tag. (This `<time>` tag does not do much on its own, but is a required part of the spec!)

Each blog entry also has an associated image. (Make sure to link to images available on the web, as you cannot include any image files with your lab submission. Remember...you are only submitting 2 ASCII files!)

The page also contains a box of links to your Friends in a separate column to the left of the blog entries. (Your friends may also be fictional if you wish. In this example, mine are.)

The page is labeled with a title and subtitle. In the example page given, the title is “Adam’s Metal Journal” and the subtitle is “A Playlist For Every Occasion.”

Adam's Metal Journal

A Playlist For Every Occasion

Friends

- James Hetfield
- Steve Ripper Harris
- William Shatner
- King Diamond

02/14/16: Valentine's Day

On this most romantic of holidays, I spent 30 minutes on the phone with Casa Di Romanticismo. While their reservation department sorted things out, I was left with a Best of 80s muzak station. I muted the call and put on my own Valentine's soundtrack: Dio's "Holy Diver"



02/02/16: Paying Bills Brings the Rage

On this most brutal of days, a collection of classic extreme metal, including...Obituary's "Cause of Death," Death's "Scream Bloody Gore" and Slayer's "Reign in Blood." Ah...serenity at last!



Note: all images are the property of their respective copyright holders. Images courtesy http://en.wikipedia.org/wiki/Cause_of_Death_%28album%29 and http://en.wikipedia.org/wiki/Holy_Diver

Match the colors and layout of this example as best you can. The emphasis is on layout, so using the colors black, lightblue, olive, white, purple, and blue is acceptable. Note that the **background color of the entire page** is blue.

Abide by the following style specifications for the page:

- There should be `divs` around every boxed element, allowing you to style the entire enclosing virtual box. This includes the page title box, the friends box, each blog entry, **and the white box surrounding this content**. These `divs` should be given appropriate classes to match the corresponding styles.
- The `<time>` tag for the blog date should be enclosed within its own `span` which could be individually styled (although it will not be in this assignment).
- The title is a `<h1>` and the subtitle is a `<h2>` in the lightblue title box. These headings should be aligned to the right of that section of the page. The subtitle should have 1.2em font.
- The text of each blog entry should be widened so that it fills the entire width of its section (i.e. "fully justified").
- The title of each blog entry is an `<h2>`.
- The images should float on the right side of a blog entry next to the surrounding text. They must stay within the bounds of the enclosing box, and not bleed into other content.

- The **white** containing box should have a solid, black, 6-px thick border.
- The blog boxes should have have a solid, black, 3-px thick border.
- The title box should have a solid, black, **1-px thick border**. (Note: this does not exactly match the sample pictured above, but should be reflected in your submission anyway.)
- The friends box should have a `<h1>` for “Friends” and a `` with hyperlink list items to each friend. The hyperlinks should be underlined and change color **from white to red** when moused-over (using the `hover` pseudoclass).
- **The friends box is a left-aligned independent div.** The friends box should have a solid, black, 4-px thick border.
- Set all padding/margins to best match the example above.
- **Use the universal selector (*) so that if you hover over ANY element, it is highlighted yellow. (This is a bit trickier than it may seem...you will need to exclude certain elements from this behavior, like the html and body tag for instance.)**
 - **BE SURE TO USE THE UNIVERSAL SELECTOR! OTHER METHODS WILL LOSE CREDIT.**

Submission: Prior to the deadline upload your file `lab1.html` and `lab1.css` to Moodle. Do not submit any other documents!

Grade Breakdown:

10%: Submission instructions followed to the letter (1 html and 1 css file submitted, named as stated above, with no contents except plain-text HTML and CSS respectively)

10%: CSS has proper formatting and comments where appropriate

20%: Web page renders properly in Mozilla Firefox 40+

30%: Web page contains all required content, visually organized and styled according to spec

30%: CSS rules and HTML tags abide by specifications given

Cheating: This project (like all projects in this class) is an individual project. You can discuss this project with other students. You can explain what needs to be done and give suggestions on how to do it. You cannot share source code. If two projects are submitted which show significant similarity in source code then both students will receive an F in the course. Note a person who gives his code to another student also fails the class (you are facilitating the dishonest actions of another).