

Due Thursday, March 4th 2021 at 23:55

Late submissions will be penalized by 10% per day (or part thereof), up to 10 days. After 10 days, the assignment will be given a 0%.

Purpose: You are going to learn how to create an HTML document from scratch, as well as a 1990s-era site navigation (image/table), as well as style an HTML document using CSS.

Requirements: To complete this project you will write and submit a zip-file named `lab0.zip`. Inside this zip-file should be the following...

- 8 image files named `lab0_1.jpg`, `lab0_2.jpg`, `lab0_3.jpg`, `lab0_4.jpg`, `lab0_5.jpg`, `lab0_6.jpg`, `lab0_7.jpg`, and `lab0_8.jpg`
- A file named `lab0.html`
- A file named `lab0A.html`
- A file named `lab0B.html`
- A file named `lab0B.css`

All files except the image files will be created as ASCII files (i.e. plain text document with a `.html` or `.css` extension). You may create them with any text editor (notepad/wordpad/sublime/TextEdit) but you must ensure that they are text files. In other words, they should not contain anything except ASCII characters (including HTML tags and content).

DO NOT USE A WYSIWYG HTML EDITOR FOR THIS ASSIGNMENT! (Any evidence of using an editor such as Adobe Dreamweaver, Microsoft Expression Web, SharePoint Designer, or even TinyMCE to create this document will result in a score of 0 on Lab 0.)

In HTML documents, nested elements should be placed on separate lines and every level of nesting should have an additional indentation for clarity. For ease of reading, **for this assignment indentation is 4 spaces.**

Example:

```
<html>
  <head>
    <meta charset = "utf-8">
    <title>This is the title of the web page</title>
  </head>
  <body>
    <p>This is a paragraph</p>
  </body>
</html>
```

REQUIREMENTS

- **lab0.html** should have a large (full page-size) table in the body, and nothing else. The table contains 8 cells, with no borders visible (can use `<table border = "0">` or equivalent CSS). Each cell of the table contains one of the 8 images: `lab0_1.jpg`, `lab0_2.jpg`, `lab0_3.jpg`, `lab0_4.jpg`, `lab0_5.jpg`, `lab0_6.jpg`, `lab0_7.jpg`, and `lab0_8.jpg`. (**Optional:** These 8 images can form one unified image, as presented during the lab lectures on HTML. This is not necessary, but you are encouraged to be creative.)

Each of these image-cells is also a functional anchor (hyperlink). Thus, the entire table implements a basic 1990s-level site-navigation. The hrefs should point to the following locations...

- 5 of your favorite/most-visited sites on the web (pls do not link to any inappropriate/obscene images which cannot be shared with accreditors)
 - `lab0A.html`
 - `lab0B.html`
 - a mailto: link which goes to your CSUN email (as presented in HTML slides)
- **lab0A.html** does not have to look very good, as it is not necessarily styled (although it can be...this is your choice). `Lab0A.html` is supposed to contain only HTML content.

Sections of the Body:

`lab0A.html` must have the following:

- Your name at top, using a heading element
- A paragraph describing yourself and why you are at CSUN
- A hierarchical un-ordered list of the classes you took last calendar year (Spring 2020 and Fall 2020), organized by major (see example below)

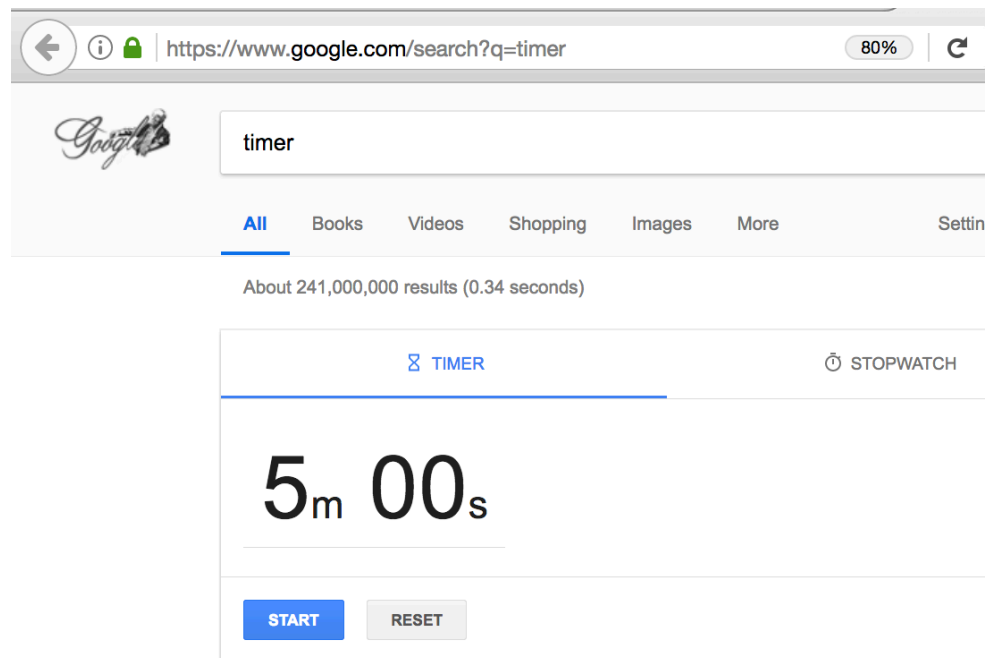
My classes in Spring 2020 and Fall 2020:

- Mathematics
 - MATH 150B (Spring 2020)
 - MATH 262 (Fall 2020)
- Computer Science
 - COMP 122/L (Spring 2020)
 - COMP 182/L (Spring 2020)
 - COMP 282 (Fall 2020)
 - COMP 222 (Fall 2020)
- Music
 - MUS 106HH (Spring 2020)
 - MUS 306 (Fall 2020)

- A form which has...
 - A text field
 - A submit button
 - A clear button

When the submit button is pressed, the text entered by the user is sent to **google.com** using the GET method. In other words, pressing the submit button should bring up the Google search results for the keyword(s) entered in the text field.

Here is a hint for how to do this portion of the assignment...



Note that the query string above contains one name/value pair...

Name: q
Value: timer

- A hyperlink (anchor) that returns you to the main page (`lab0.html`)
- **lab0B.html** includes (via link) the CSS rules of **lab0B.css**
 Together these implement a simple blog page for one of your interests. These interests may be fictional, if you like. Be as creative as you wish, although points are not awarded for this. 😊

Each blog entry also has an associated image. (These can be images on the web, or additional images included in your zip file. Please include only images/content that is non-offensive and can be shared with accreditors.)

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

02/14/18: 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”



02/02/18: 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, red, white, lightgreen, purple, and blue is acceptable. **Note that the background color of the entire body of the 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 sets of `divs` should be given appropriate classes to match the corresponding styles.

- The title is a `<h1>` and the subtitle is a `<h2>` in the lightgreen title box. These headings should be aligned to the right of that section of the page. The subtitle font can be resized to best match the layout above.
- 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.
- Each of... the white containing box, friends box, blog boxes, and title box... should have a solid, black border.
- 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 to red when moused-over (using the `hover` pseudoclass).
- The friends box is a left-aligned independent div.
- Set all padding/margins to best match the example above.

Submission: Prior to the deadline upload your file `lab0.zip` to Canvas.

Grade Breakdown:

10%: Submission instructions followed to the letter (all filenames and zip-file structure correct)

10%: HTML has proper indentation and HTML/CSS files are clean and clearly spaced

40%: Web pages render properly in reasonably recent Mozilla Firefox (version 60+)

40%: Web pages contain all required content

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 a 0% (score of 0) on this assignment. **Note:** a student who gives his/her code to another student *a/so* receives this score of 0.