

LAB ASSIGNMENT #7

(due Tuesday, October 6)
10 points

Learning Objectives:

Upon completion of this lab you will be able to:

- acquire experience coding in HTML and CSS.
- construct a website that is written using HTML and CSS.
- debug your HTML code to resolve errors in formatting.

Using the basic HTML building blocks that you learned (or reviewed) in the handout and the online tutorial, you will create a **simple** web page. This exercise is meant to get you feeling more comfortable using HTML code. *The following elements must be included in your web page:*

1. Some **type of title in the bar at the top of the web browser** (not displayed on the page itself). Recall that this goes inside the `<title>` tags, which in turn are inside the `<head>` tags.
2. A **background image for your page OR a good background color** with a **border** around the main contents of your page. If you do not have a good background in mind, just take a look around on the Internet for one. To save an image that you see on a web browser:
 - Have the arrow on the image.
 - Click the right mouse button.
 - Several options will appear, one of which will save the image to a location you specify.
 - This image can now be referenced in your html file once the image is saved.The background should not overwhelm the text on your website.
3. **Some type of heading on your web page.** Have this heading be something that will catch someone's attention when they first see your page. Use a text size that is **larger** than the rest of the text on your web page.
4. **One paragraph of text** describing what your links are going to show. This can be a very short paragraph like the following: "*My name is _____ and this is my first web page. Below are weather links and pictures of my favorite vacation spots.*" The content is not important; I just want you to get acquainted with putting text on your page. Place a **horizontal line that divides** your introduction paragraph from the additional contents of the page in parts 5, 6, and 7.
5. A minimum of **one image** on your web page.
6. A minimum of **three text links** to a separate page.
7. A minimum of **one graphical link** to a separate page.

The order of the content of the page does not matter; just make sure to include all the elements.

Requirements on the links (#6 and #7)

From above, you are required to have four total links on your page (three text links and one graphical link). Of these four required links,

- two should go to another web page (for example, the National Weather Service or the UW-Madison homepage)
- one should go to an image that you have saved in your *public_html* directory, and
- one should go to an image on another web site.

There is nothing to hand in with this assignment. However, **once you have completed your page, please e-mail me its URL so I know where to find it, the subject of the e-mail should be *My 452 Webpage*. Each person's webpage should be different in some non-trivial way.**

If you are in need of help on this lab, go to my 452 web page,

<http://www.aos.wisc.edu/~mbreeden>

right click on it, and select view page source to get ideas of what your html code should look like. Do not copy my html, it will be easy for me to tell if you did.

Working on this lab at home -

You can work on this lab at home on your own computer. Most word processors have the option to save as ".html" When you have saved your html file, open your web browser and go to the "file" menu in the top toolbar. You should be able to pick the "OPEN" file option and select your html file for viewing. Every time you resave your html file you can refresh your web browser to see the updates.

To get the file to you 1411 account, you can email your html file to yourself and save it in your *public_html* directory.

You could also "ssh" into the lab computers to work on this particular assignment. If you need help with this please feel free to ask me or Pete Pokrandt for help.

Assessment: 7 points will be based on the inclusion of all the elements discussed above. 2 points will be awarded if your page validates with no errors (1 for HTML, 1 for CSS). The overall neatness of the page will also be worth 1 point.