**CSCE 102 Lab 6**

More practice with CSS and Beginning JavaScript

## General information

* **Both lab and lecture attendance is required**.
* Read the entire in-class assignment before you start.
* All parts of this lab are required to be submitted as per the deadlines on the X drive and a printed copy needs to be submitted to your lab instructor each week as per the applicable deadlines.
* Always bring your book and lecture notes to lab.
* Use clean indentation and blank lines so your code will be easy for you to read and also easy for your instructor to read.
* Include the closing tags when you enter the opening tags so you will not forget them.
* Always maintain backup copies of your work. **Always work on your X drive while in the lab and copy your work to your flash drive at the end of lab.**
* **Never share your password or memory stick with anyone. Maintain the standards of academic honesty discussed in lecture and in previous labs.** **The work you turn in must be your work.**
* If you need help, ask.

**Academic Honesty**

1. The work you turn in is to be your work, not copied from someone else, from the web, or generated by a program.
2. Never allow anyone to access to your files.
3. Never give anyone your password.
4. Never share your USB memory or email your files to anyone else.
5. Never give anyone a printed copy of your file or an electronic copy.
6. Never allow anyone to copy your work.

**Problem A**: **Due at the end of class ― Fun with CSS.**

Create a new web page (**lab6A*xx*.html**) (As always replace xx with your first and last initial.)

**Beginning JavaScript**

* Create a page that has exactly two h1s, two h3s, one paragraph, and one image. You select the content of these elements.

## Apply some style to each of the elements above using an internal CSS. Do not use the colors red, yellow, lime, or purple.

* Write the code to make an alert box pop up, before the content of the page loads, containing a short message that you make up. (Put the script element inside the head.)
* After the content of the page loads, have a prompt box, requesting the user's name, pop up. (Remember that **the prompt must be in an assignment statement (MUST)** – if you don't save the value that was entered you cannot use it later.)(Put the script element inside the body at the very bottom.)
* Have another alert box pop up with the name that was entered followed by a message that you make up. (Put this in the same script element as the prompt.)
* Write the JavaScript code so that when you click on the first h1,
  1. the paragraph's text color becomes purple,
  2. the paragraph's background color becomes lime,
  3. and the paragraph's font size becomes 47pt.
  4. Also, have the h1's text color become lime.

**NOTE**: You will use the HTML Event Handler, *onclick.* (**Remember**, you can only use **one** onclick in that opening tag but you can have as much JavaScript as you need in the attribute value.)

* Write the code so that when you mouse over the first h3
  1. the content changes in that h3 to read, “YES! I think this class is fun!”
  2. and the other h3 to have the text color change to red
  3. and the content in that h3 changed to read “I get the A today!”.
* Use an event handler in the second h1 to change something on the page. (You decide what to change.) Remember your code will not be like to anyone else's.
* Include an HTML comment to explain what you changed.

**This web page is due at the end of class.**

## Problem B: More with Event Handlers – Due the night before your next lab

## Create a new web page (lab6B*xx*.html) (Again, using your initials)

1. Create a simple web page that contains exactly **two** of each of the following elements h2, h3, paragraph, em, and strong. Fill the elements using random text from Lorem Ipsum at http://www.lipsum.com/
2. Use an internal CSS to apply style to all of these elements; do something neat, it should be different from your neighbor’s styles.
3. Use the onmouseover event handler in the second h3
   * 1. to change the style of that h3
     2. and to also change the style of the second paragraph.

NOTE:(The attribute value of the onmouseover event handler will contain **two JavaScript statements.** There can **only be one onmouseover HTML attribute** in a tag.)

1. When the first paragraph is clicked change two styles of the second paragraph.
2. Insert a picture of you.
3. Write the code so that when you click on that picture it turns into a picture of a Gamecock.

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**More Image rollovers**:

* Load three images of dogs.
* When you move the mouse over the first dog, have the third image change to a cat.
* When you move the mouse off of the first dog, have the third image change back to the original dog.
* When you move the mouse over the second dog, have the first image change to a cat.
* When you move the mouse off of the second image, have the first image change back to the original dog.
* When you move the mouse over the third image, have the first and second images change to images of lions.
* When you move the mouse off of the third image have the first image change back to the original dog and the second image change to an image of your favorite animal.
* Insert an HTML comment saying what your favorite animal is.

#### After you have completed Lab 6, update your All\_Index file as specified below.

#### Updating All\_Index.html.

* Insert a link to **Lab6A*xx*.html** and **Lab6B*xx*.html**.
* Use a **pseudo** class to change the default color of your hyperlinks and also when visited. Your choice of colors may be used for this purpose.
* Bring printed copies of Lab 6Axx.html, Lab6Bxx.html files to your next lab to turn in. You cannot print during your lab time. You cannot count on printing just before your lab; we sometimes have printer problems so you cannot be certain it will be working.
* If you use the printers to print things other than CSCE 101/102 your account in Sumwalt may be revoked. That means not your English paper, your Chemistry notes, forms you need to fill out, or stuff from the web.