CST 8285
Lab 2

version 1.0

It is recommended that you read the entire Lab before you start working.

In this Lab, you create your first web page and you practice using various tags. You also validate your page on the w3 web site.

This Lab must be done using a standard text editor (ie. do not use Dreamweaver)

What you will do:

1. Convert a standard text file into html format.
2. Use html tags to create headers, definition lists, paragraphs, highlight/emphasize text, create hyperlinks, etc...
3. Validate your page on the w3.org web site.

Task 1: Download the Lab text file

* From the course web site, download the file Lab2.txt

  The file is a standard text file that you can open using any text editor. If you installed Komodo in lab 1, you can open the file in Komodo to look at its content.

Task 2: Create the file Lab2.html

* Download the file template.html from Blackbaord.
* Open the file using the text editor of your choice and then save it as lab2.html

Task 3: Give your page a title

* Inside the head tag of the page, add a title tag that contains the text: Lab 2 by <your name>

Task 4: Add the text

* Cut and paste the text from the file Lab2.txt in between the <body> </body> tags.

Task 5: Tag the text

Use your knowledge of tags and the following specifications to tag the text.

* Every hyphen - indicates a level 1 header h1
* Every group of hyphen -- indicates a level 2 header h2
* Every + sign indicates a member of an unordered list

- Every # sign indicates a member of an ordered list
- The sample latin text must be replaced with content of your own
- Part of the text must be emphasized using the <strong /> tag and the <em /> tag
- The section "Web Sites I like" must include hyperlinks to at least 4 web sites that you enjoy visiting

Task 6: Test your Web page

- Visualize your Web page in the four major web browsers installed in lab 1, Opera, Firefox, Chrome and Safari

Task 7: Validate your web page

- Verify that your web page is w3 compliant by using the validator at http://validator.w3.org and make sure that your web page validates without errors and without warnings.
- Once validated, add a "Valid" icon to your web page as specified on the w3 web site.

Task 8: Submit your lab

- Please submit your lab via BlackBoard under Course Documents -> Week 2 -> Lab 2

Marking Scheme

See the *Lab 2 Mark Breakdown* document for a break down.

Note that 30% of your final grade comes from the grades you obtained from your labs and assignments.