CMSI 182
INTRODUCTION TO COMPUTER SCIENCE
Fall 2006

Assignment 1019

This assignment is meant to get everyone's hands dirty with some XHTML. The class isn't a Web design course, so we won't go into too much depth on the full range of capabilities provided by Web technologies. Note, however, the continuing theme in this field: we seek ways to tell machines how to get certain things done, and in this case it is how to display content in a Web page.

Not for Submission

Continue reading Chapter 4 in the Brookshear book, focusing on the World Wide Web subsections this time.

For Submission

What to Do

Write up a mini Web site, consisting of these two (2) interlinked XHTML pages:

1. *summary.html* should be entitled "What I've Learned So Far," and should include a structured summary of what you've learned so far in CMSI 182. By "structured summary," I mean that you should use a mix of *h1* to *h5* tags for headings and *p* tags for body text. For lists, look up and learn how to use the *ul*, *ol*, and *li* tags. If you know how to use *table*, use it *only* for tabular data — *not* for page layout.

2. *bio.html* should be entitled "About *your name*," and should be a short writeup about yourself. In addition to the aforementioned tags, this page should have at least one *img* tag that displays a picture, like a portrait of yourself or anything else that fits the material in your bio.

The pages should link to each other: *summary.html* should have a link called "About the author," which, when clicked, goes to *bio.html*. Conversely, *bio.html* should have a link to "What I've learned so far in CMSI 182," which leads to *summary.html*.

Note that the point of this exercise is to get some practice with standard XHTML, and not to write up extensive content. So, do put in some sensible material into these pages, but don't write long manifestos or worry about fancy formatting. The default formatting of the tags that you use will do.

And yes, I *will* validate your XHTML at *http://validator.w3.org* — so you should, too.

How to Turn it In

Do the assigned work electronically, then:

1. E-mail the source and image files to me, and

2. Submit hardcopy versions of the source (XHTML) files only.

Turn in both of these items by the beginning of our October 19 class.

Extra Credit

Instead of just two pages, expand the Web site to seven (7) pages. Make the following additions or changes:

1. Instead of containing all of the content, *summary.html* should now function solely as a table of contents: one item for each chapter covered in the Brookshear book so far. Each item in the table of contents should link to the corresponding page mentioned in item (3). The link to *bio.html* should also remain there.

2. The *bio.html* file remains the same, with an image and a link to *summary.html*.

3. Create five (5) additional files, one for each chapter of the Brookshear book, with each page containing a summary of what you've learned from that chapter. Name these files *chapter0.html* to *chapter4.html*, respectively.

   Each chapter summary file must have up to three links: one to *summary.html*, one to the previous page (except for *chapter0.html*, of course), and one to the next page (except for *chapter4.html*).

If you decide to do the extra credit version of the assignment, you don't need to create the 2-page version; just submit this 7-page version.

Needless to say, extra credit or not, I *will* validate your XHTML at *http://validator.w3.org*.