CMSI 182
INTRODUCTION TO COMPUTER SCIENCE
Fall 2007

Term Portfolio Specifications

As we approach the end of the semester, it's time to provide some final details to the term portfolio, which is due on December 13, the same day as the final exam. Since most of you have largely done the work for this portfolio, however, I recommend that you turn this in sooner, so that you can focus on just the exam as December 13 approaches.

For Submission

For your term portfolio, submit "2.0" versions of the following assignments:

- Assignment 1025 (Web pages)
- Assignment 1115 (JavaScript programs)

Turn these in electronically, to make it easier for me to test and evaluate them.

Criteria

The general criteria for evaluating your portfolio have been given in the syllabus. Now that we established the exact work to turn in, we can be more specific about how the criteria will be applied:

Design (30%)

- For Assignment 1025, are the HTML, CSS, and JavaScript files formatted in a readable manner? Do they cleanly separate content, presentation, and interaction?
- For Assignment 1115, is the JavaScript code properly indented, and formatted for readability (by humans)?

Functionality (30%)

- For Assignment 1025, do the files all validate (*http://validator.w3.org*)? Are links or URLs valid? Does the JavaScript code work?
- For Assignment 1115, do the JavaScript programs work correctly? Do they generate any errors? Do they make any improvements over the originals (e.g., better messages, extra capabilities, better error checking, etc.)?

Naming (20%)

- For Assignment 1025, is the naming of files correct (i.e., proper file extensions)? Are user-defined names (CSS classes, JavaScript functions and variables) well-chosen and understandable?
- For Assignment 1115, are JavaScript names (functions, variables) well-chosen and understandable (by humans)?

Comments (20%)

- For both assignments, are comments provided where appropriate (i.e., explaining certain parts of the code, describing what is going on)? Are these comments clear and well-written?

Extra Credit 1

Your final portfolio score will get a +5-point bonus if you submit your portfolio one week early (or more), on December 6 or earlier.

Extra Credit 2

Your final portfolio score will get *up to* a +50-point bonus if you also submit a *combined Web page and JavaScript program*, consisting of:

- A custom HTML/CSS/JavaScript file set that is devoted to presenting and performing Assignment 1115's two algorithms in a Web browser.
- The HTML file should contain instructions and other background information on the algorithms, plus custom entry fields, buttons, or other controls for these algorithms.
- The CSS file should contain any formatting that enhances how the HTML page is presented.
- The JavaScript file should contain the JavaScript code from Assignment 1115, as well as any modifications or improvements that are necessary to make them work in a custom Web page.

This additional work item will still be graded according to the portfolio criteria, so the quality of the work will determine how much of the possible 50 points will be credited. And yes, part of the "extra" in this "extra credit" is the effort involved in looking up how to do this in the first place. **:)**