**CS 3340 – Test 1 Expectations**

* The test covers the *Client-Side Web Programming*.
* You can begin the test roughly 10 minutes before class time (1:50 pm).
* When you enter the room, leave all books, phones, *etc* at the front of the room.
* You may bring a 4”x 6” index cared with anything you want on it. **Must be: (a) hand-written, (b) only on one side.**

**Test Composition**

There will be 5 problems:

1. You will be given an image of a web page displayed in a browser. There will be comments saying what each item is. You write the HTML that produces the page.

Two of items require CSS (the comment will say, “Use CSS to style”). You will: (a) write the required CSS rules using these CSS attributes (that are provided on the test): border-style, margin, border-color, background-color, font-weight, padding, font-size. (b) write the HTML, applying the CSS, to produce these two items.

1. You will be given an image of a very simple HTML form and a description of the behavior when a button is pressed. You will write: (a) the HTML, and (b) the JavaScript.
2. You will be given an image of a very simple HTML form, the *id* of each elements, and a description of the behavior when a button is pressed. You will write the jQuery required to achieve the result described. You will NOT write the HTML. You will be given: $(document).ready(function () {, you just write the jQuery function.
3. Given the description of a situation, write an XML document.
4. Given the description of a situation, write a JSON string.

**Expectations**

1. HTML tags: html, head, title, body, paragraph, table (tr, td, width, colspan, rowspan), span, div, a (relative and absolute paths), ol (li)
2. HTML Form tags: form, input (type=text, checkbox, radio, button; id), select (option), button
3. CSS: element, class, anonymous, id selectors.
4. JavaScript: process a simple form. You will be provided the class diagram on the next page.
5. jQuery: process a very simple form with a button, textbox, single-selection dropdown and display the result in a div.
6. XML: structure of a document, root element, child elements
7. JSON: structure of a string