CIS 4004: Web-Based Information Technology Fall 2013

Homework Assignment #2 (100 pts) **Due Friday September 27, 2013**

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http://www.cs.ucf.edu/courses/cis4004/fall2013

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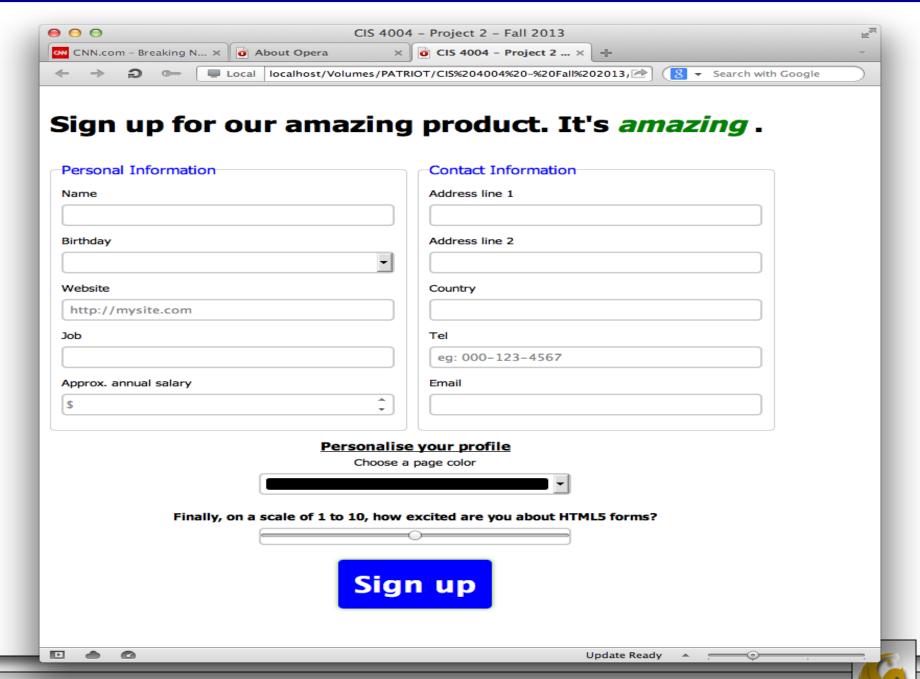
Homework Assignment #2

- This assignment has three main objectives:
- (1) To give you some practice writing valid semantically correct HTML5 markup that contains a form. The form will contain both classical as well as new HTML5 form elements.
- (2) To give you some additional practice writing accessible code using ARIA roles in your markup.
- (3) To practice applying CSS properties to style form elements as well as the overall page layout. You will use only an external style sheet in this assignment. No internal style sheet and no inline styles will be accepted.

HTML For Assignment #2

- I want you to create a single page form that contains text boxes, selection boxes and so on that we've discussed in class.
- Your markup must validate as semantically and syntactically correct HTML5 markup.
- Your markup is to be styled with a single external style sheet. No internal or inline styles may be used.
- I would strongly urge you to develop this assignment using the latest Opera or Chrome browser if you are using a Windows platform, or Safari if you are using a Mac platform, as several of the elements we will be using are not fully supported by other browsers at this time.

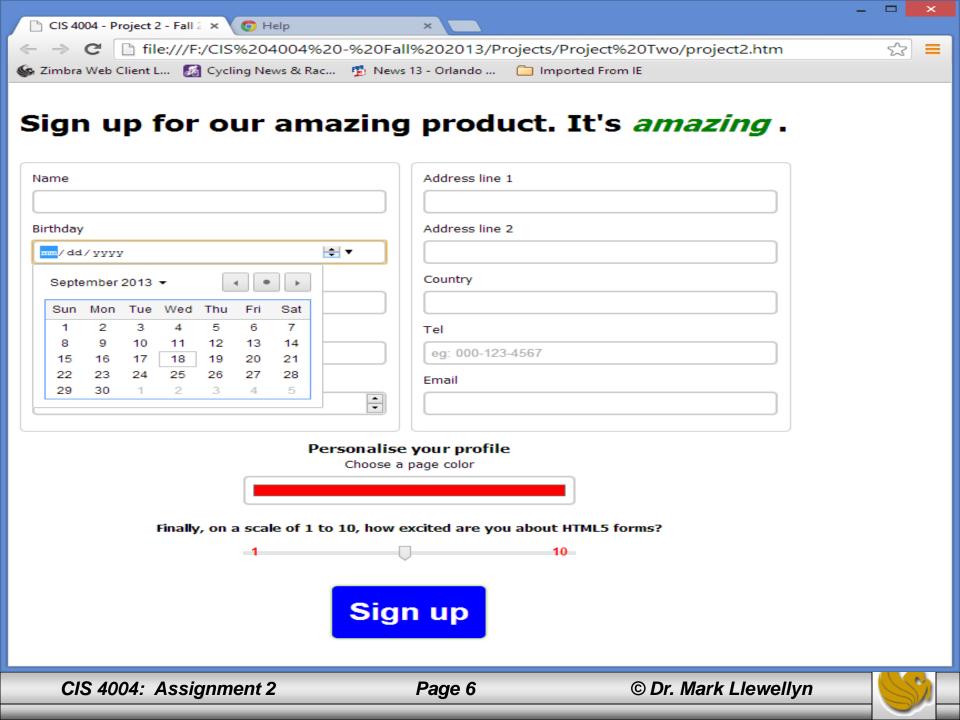


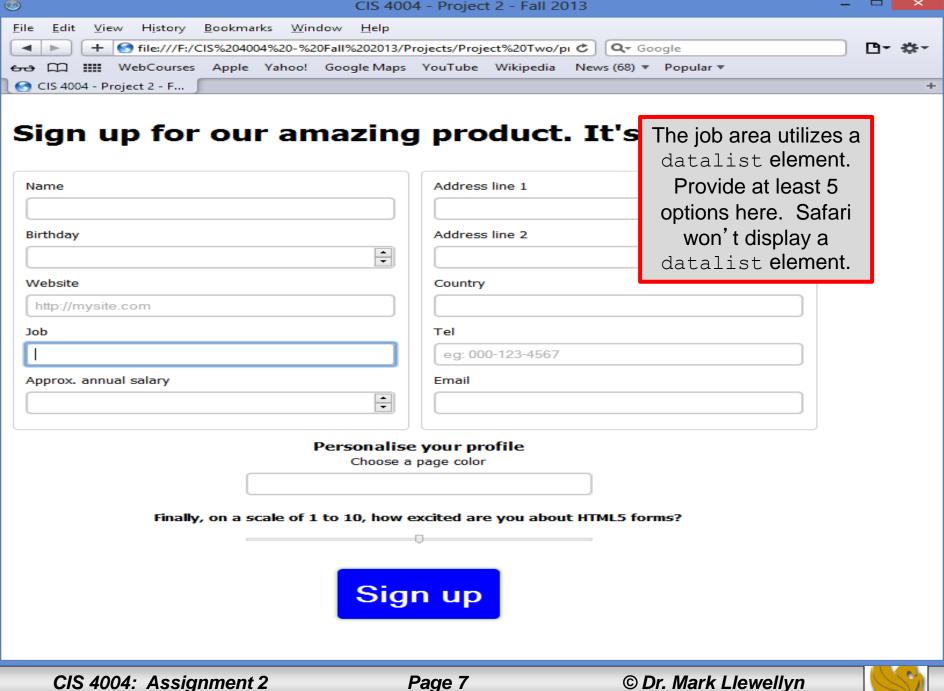


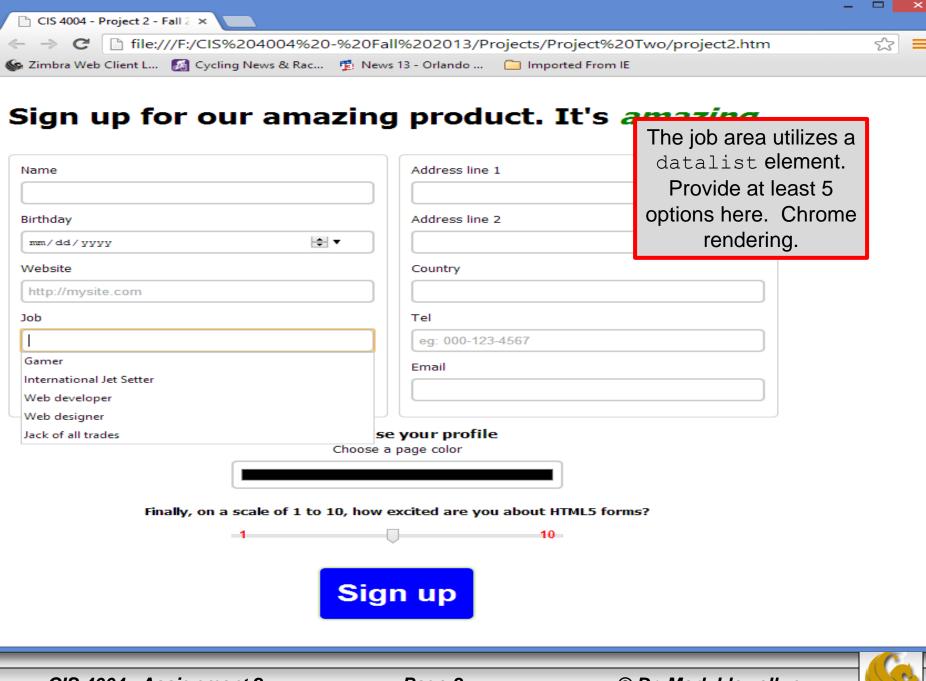
Details For Assignment #2

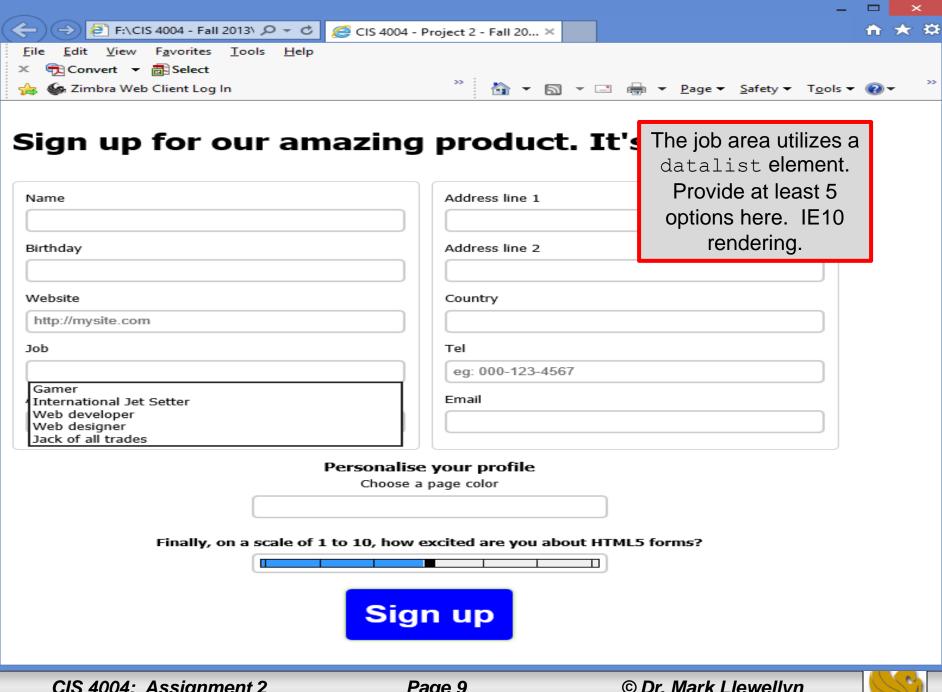
- Notice that some of the form elements are using placeholders (website and telephone).
- Notice that a range slider and a color picker are included.
- The submit button is highly styled (see page 14).
- The two major areas of the form are inside fieldset elements. The major part of the form should appear in two columns as shown.
- The birthday area uses a date selector.
- The range selector uses the output element.
- The name, address line 1, address line 2, and email are all text boxes.
- All form elements are to be required.
- You must include ARIA landmark roles on

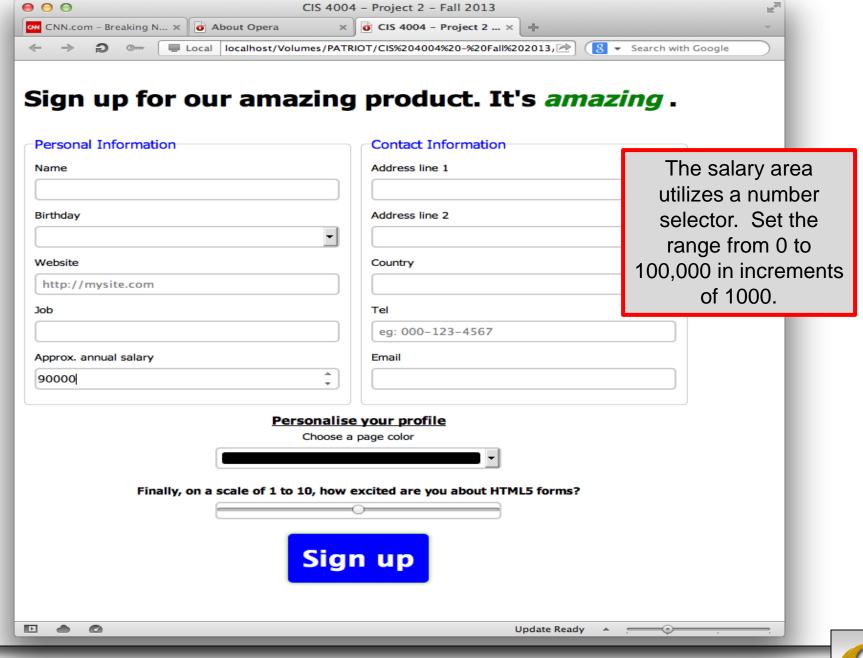


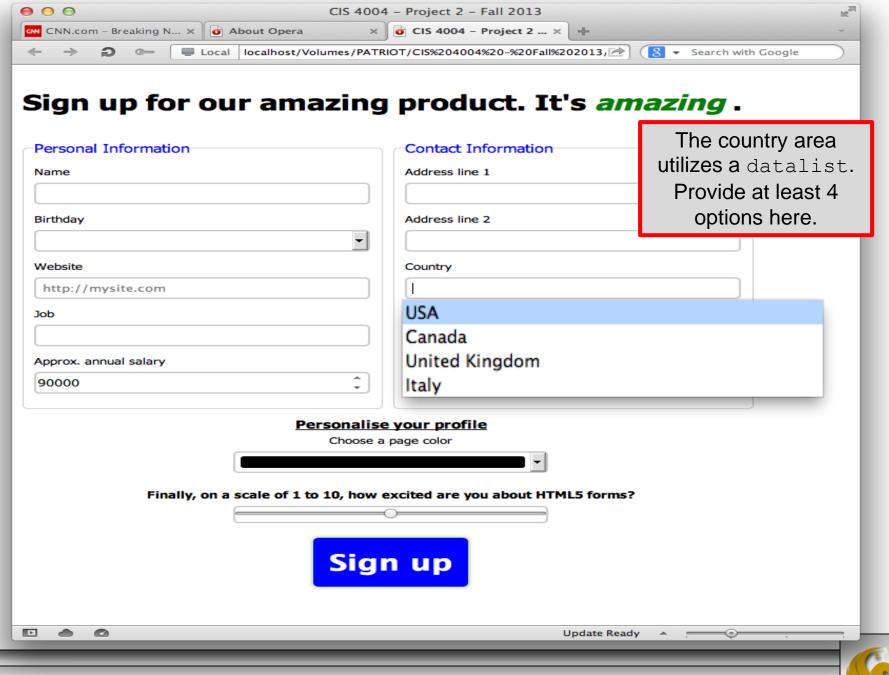


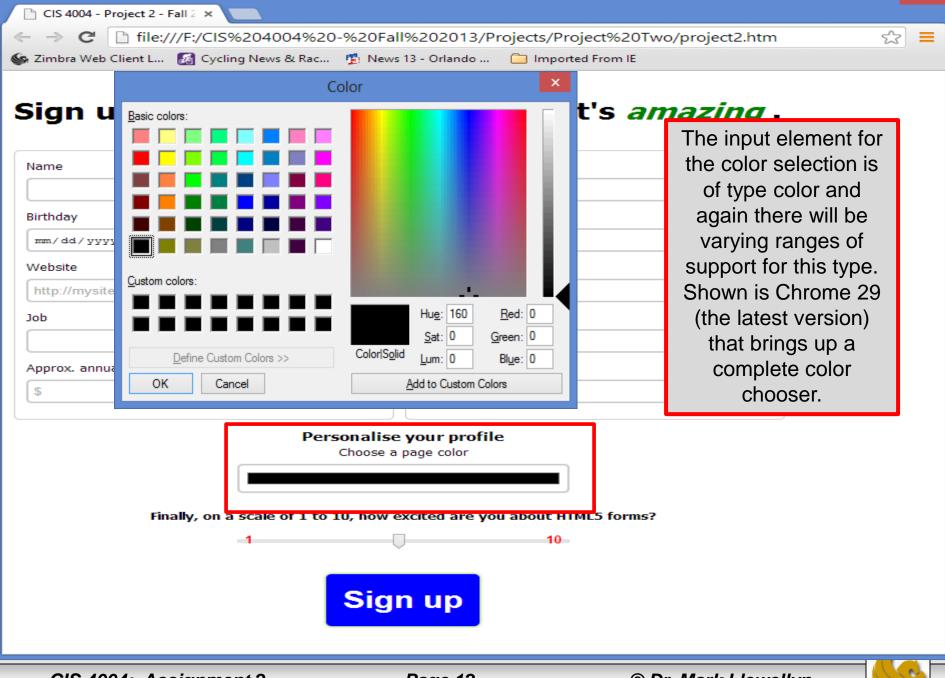


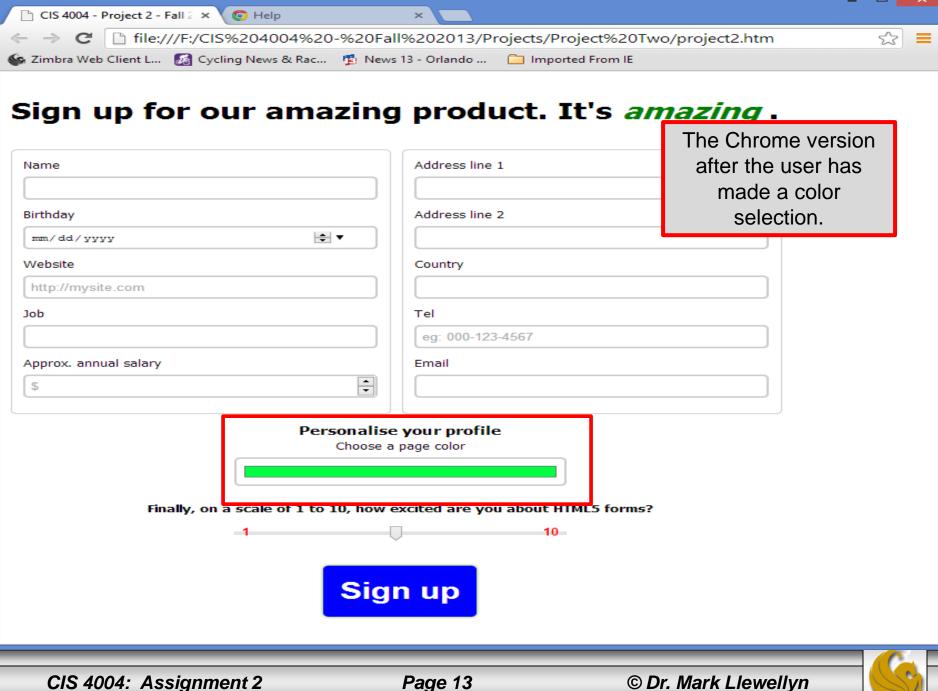


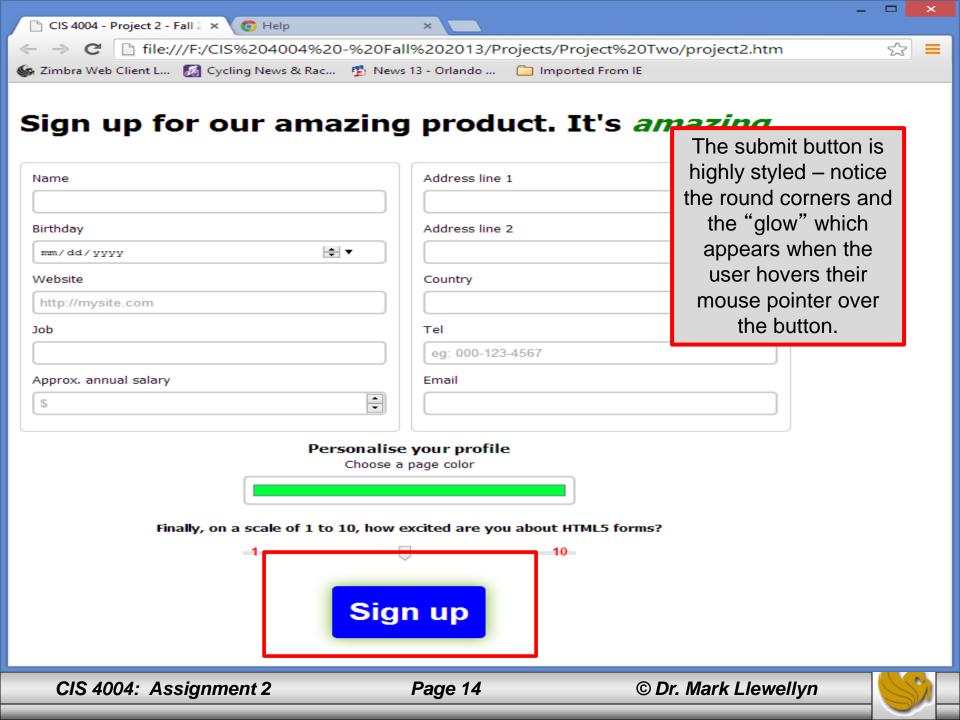


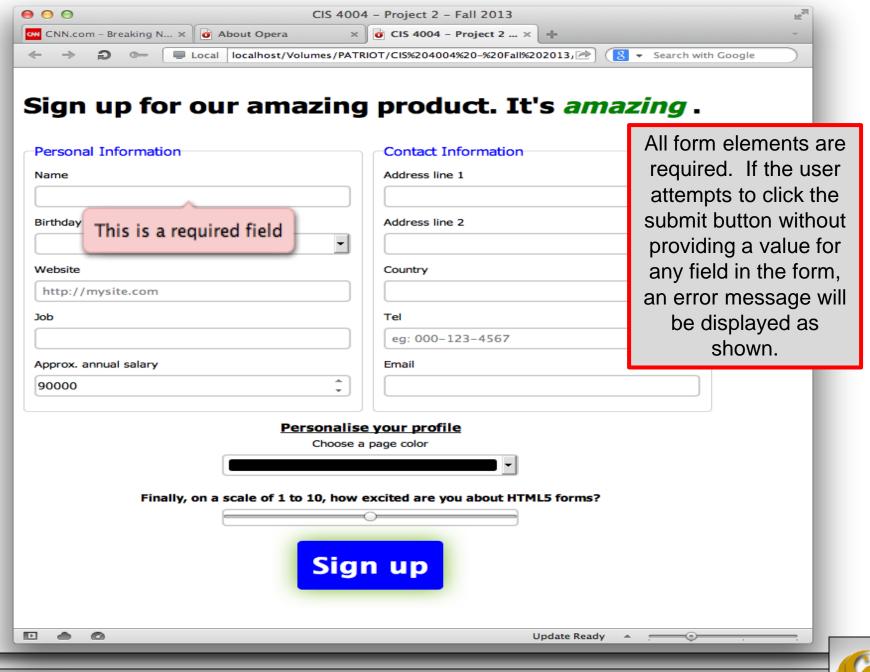












CSS Restrictions

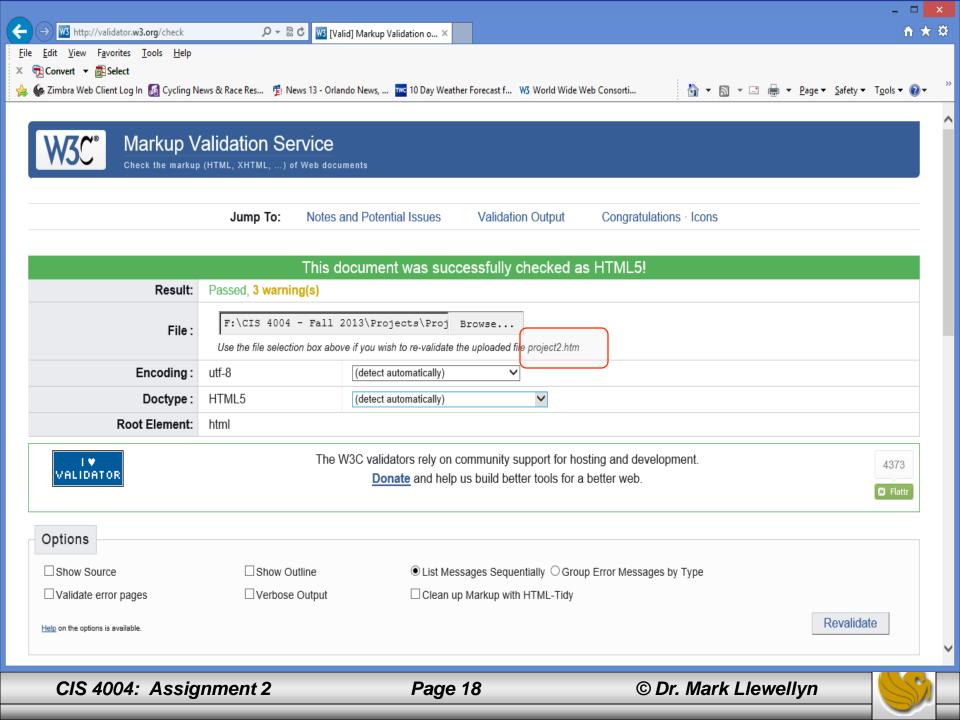
- 1. Only an external style sheet may be used. All styling of the page should be handled by one external style sheet.
- 2. You must use a variety of CSS selectors in this assignment. At a minimum you must include at least 1 of each of the following types of CSS rules:
 - 1. A class.
 - 2. An id.
 - 3. A two-level deep contextual selector.
 - 4. A rule using a pseudo-element or pseudo-class.
 - 5. An attribute/value based selector.

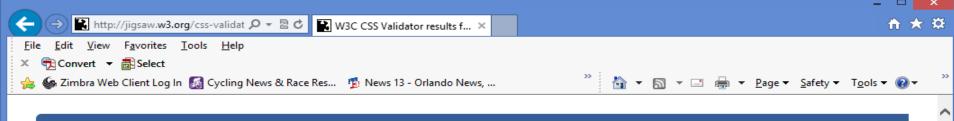


When And What To Turn In

- The deliverables for this assignment are:
 - 1. A semantically correct HTML5 markup document containing the required ARIA roles (35 pts).
 - 2. The CSS external stylesheet (30 pts).
 - 3. A document containing screen captures for both HTML5 validation that shows only the one warning as shown on the next page and CSS validation (both passing!). Make sure that the name of the validated file appears in the screen shot. (20 pts)
 - 4. A screen shot of your final rendered document. (15 pts) (You may want to include several of these using different browsers to highlight the different elements.
- The deliverables for this assignment are to be submitted via WebCourses no later than 11:59pm (WebCourses time) on Friday September 27, 2013.









Jump to: Validated CSS

W3C CSS Validator results for project2css.css (CSS level 3)

Congratulations! No Error Found.

This document validates as CSS level 3 !

To show your readers that you've taken the care to create an interoperable Web page, you may display this icon on any page that validates. Here is the XHTML you could use to add this icon to your Web page:





