A340 Laboratory Session #9

LAB GOALS

- CSS
- Use of inline, embedded, and external CSS to manipulate the following properties: (font, color, background, borders, padding, text, images, margins)
- Simple event handling (using "hover")
- Use of a non-standard HTML tag (Marquee)

Using your text editor (Notepad++ / TextWrangler) create a web page similar to the pictures shown below.

What is IU-READY?

IU-READY is a Pre-Course Readiness Assessment for Distance Education (DE) courses offered at IU South Bend. The development of this system was proposed by Drs. Hossein Hakimzadeh and Marianne Castano Bishop to Dr. Alfred J. Guillaume Jr. (Executive Vice Chancellor for Academic Affairs) and the Academic Cabinet at IU South Bend in September 2011. The rationale for developing such a system was based on the analysis of past DFW (grades D, F, and Withdrawn) data from the Registrar’s Office which showed that certain student populations were especially underprepared to take online classes. It was argued that a better system for identifying these students would be in their best interest.

Similar to other assessment tools (e.g., math or English placement exams), IU-READY assessment should be used by every student prior to registering for an online course. The IU-READY for DE assessment instrument will present the student with a number of questions and subsequently produces a report for each student (and other constituencies such as faculty and administrators of the DE program) letting the student know why an online course may or may not be a suitable option for him/her at this point in time.

The IU-READY for DE self-assessment instrument will take approximately 10 to 15 minutes to complete and is comprised of questions from the following categories:

1. Access and proficiency in the use of proper technology for online study (e.g., proper computer equipment, high-speed Internet access, proficiency with course management systems, etc.)
2. Ability to type with speed and accuracy
3. Ability to read and interpret instructions, and apply higher order thinking skills with course content
4. Ability to read, understand, recall, and summarize information
5. Learning style (structured lecture, cooperative and group activity, auditory, visual, tactile, etc.)
6. Study skills (e.g., note taking, time management, etc.)
7. Other life factors affecting student’s ability to succeed in online study (e.g., work, family, commute, other obligations)
8. Motivation and maturity, self-discipline, realistic expectation

Image opacity is initially at 20%, when you hover your mouse over the image the opacity should change to 100%.
When the box is hovered over, it should change its background from black to sienna. Also if the image is hovered over, it should change its opacity to 100%

Step 1: Start with a simple HTML web site similar to figure below, just make sure you put in a <style> tag in it:

```html
<!DOCTYPE html>

<br>

<big>

Acknowledgements:

Special thanks go to the members of the DE Advisory Board’s Program Evaluation and Development Subcommittee (PEDS) who were instrumental in the generation of the questions and student feedback for IREADY:

- Marianne C. Bishop (Director of the DE program)
- Hakimzadeh, Hossein - Co-Chair
- Watson, firm-Farth - Co-Chair
- Colborn, Nancy Wooten
- Luttrell, Yvonne
- Vollath, David

Development Team:

- Adam C. Brindman (Lead Developer / Intern)
- Sarah W. Ruckie (Assistant / Intern)

Questions and Comments:

Questions about the IREADY system may be directed to: Dr. Hossein Hakimzadeh
Department of Computer and Information Sciences
Indiana University South Bend

<question Courses>

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U-READY: Pre-Course Readiness Assessment for Distance Education Courses.
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Step 2: Place the following documentation lines in the HTML file, right below the <DOCTYPE html>. Make sure these are placed in the HTML documentation tag.

Your name
CSCI-A 340 Introduction to Web Programming
Lab: 9 (Intro to CSS)
Semester, Year

Step 3: Create a series of CSS rules that treats the following elements. (Create these rules as embedded CSS)

<table>
<thead>
<tr>
<th>Element</th>
<th>Parameter</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Body of the document</td>
<td>Font</td>
<td>Arial (make sure the generic font family is also included)</td>
</tr>
<tr>
<td></td>
<td>Font color</td>
<td>White</td>
</tr>
<tr>
<td></td>
<td>Background</td>
<td>Saddle brown (#8B4513)</td>
</tr>
<tr>
<td>ID Selector with the ID of</td>
<td>Justification</td>
<td>Center</td>
</tr>
<tr>
<td>&quot;title&quot;</td>
<td>Font size</td>
<td>50 pixel</td>
</tr>
<tr>
<td></td>
<td>Font color</td>
<td>Red</td>
</tr>
<tr>
<td></td>
<td>Text shadow</td>
<td>5px, North-East, with 10px blur and color of your choice (perhaps red)</td>
</tr>
<tr>
<td>DIV</td>
<td>Font color</td>
<td>Black</td>
</tr>
<tr>
<td></td>
<td>Background</td>
<td>White</td>
</tr>
<tr>
<td></td>
<td>Margins</td>
<td>Top and bottom= 1 centimeters, left and right= 2 centimeters</td>
</tr>
<tr>
<td></td>
<td>Padding</td>
<td>10 pixels in every direction</td>
</tr>
<tr>
<td></td>
<td>Border</td>
<td>Thick border, ridge style and rounded corners (15 pixel radius)</td>
</tr>
<tr>
<td>DIV with ID of &quot;reverse&quot;</td>
<td>Font Color</td>
<td>White</td>
</tr>
<tr>
<td></td>
<td>Background</td>
<td>Black</td>
</tr>
<tr>
<td>DIV with ID of &quot;reverse&quot;</td>
<td>Background</td>
<td>Sienna</td>
</tr>
<tr>
<td>and a &quot;hover&quot; event</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Img</td>
<td>Original Opacity</td>
<td>20%</td>
</tr>
<tr>
<td>Img with &quot;hover&quot; event</td>
<td>Opacity</td>
<td>100%</td>
</tr>
</tbody>
</table>

Step 4: Now place the text in the body of the page.

You can find the text at the following URL: https://ready.iusb.edu/Common/About.php
You can also find the image for the lab at the following URL: https://ready.iusb.edu/Resources/iusb2.jpg

Step 5: Add the marquee to the document. You can learn about Marquees at the following URL:
http://www.htmlcodetutorial.com/ MARQUEE.html

Note: You may have to include some additional in-line CSS to get everything looking like the figure in page 1 and 2.