

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.

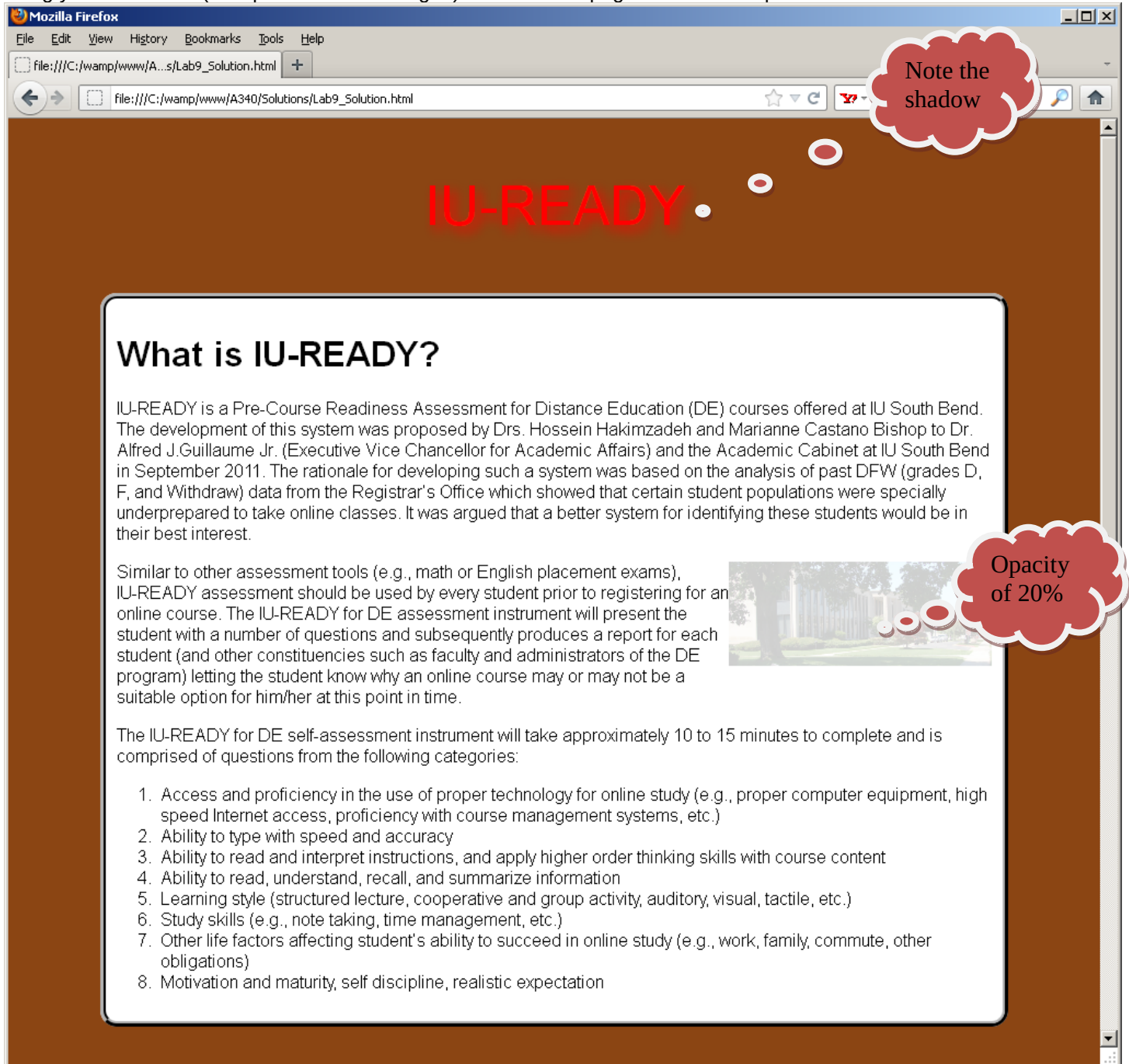
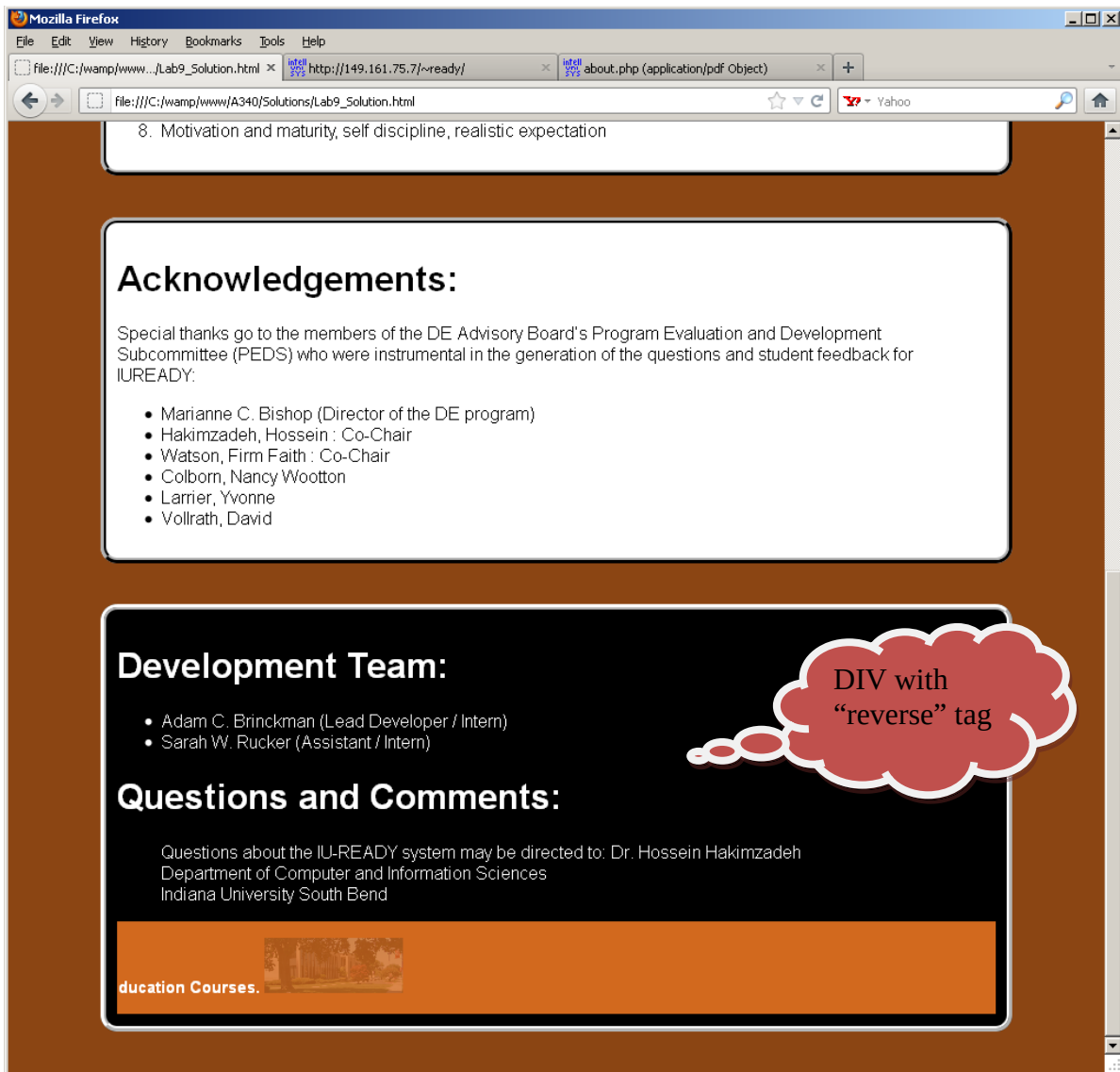
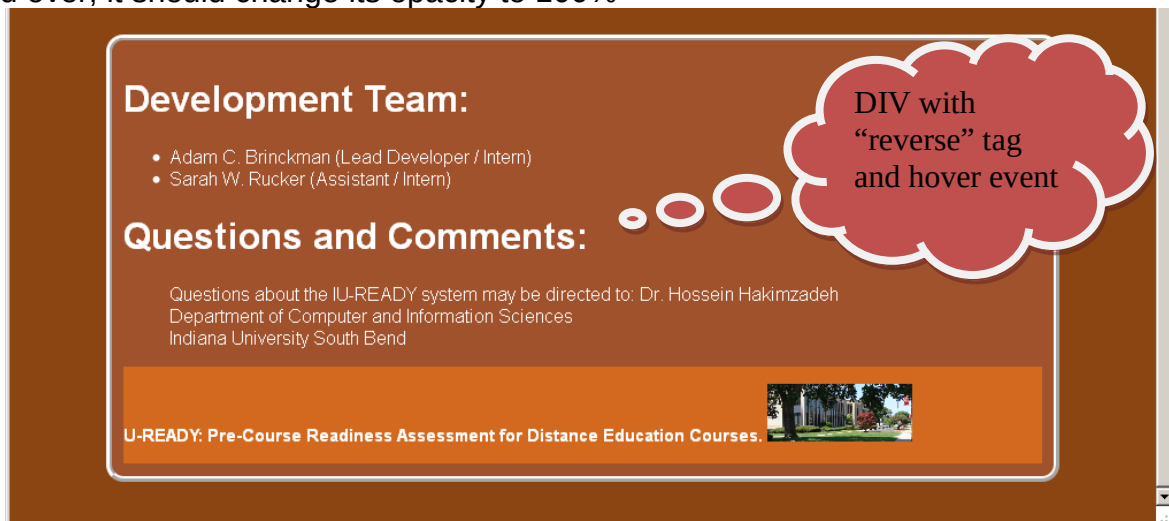


Image opacity is initially at 20%, when you hover your mouse over the image the opacity should change to 100%.



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:

```
<!DOCTYPE html>
```

```

<html>
<head>
<style type="text/css">

</style>
</head>
<body>
</body>
</html>

```

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
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)

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

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.