A340 Laboratory Session #4

LAB GOALS

- Creating Tables
- Image tag and its attributes
- Using colors / color schemes (http://colorshakedesigner.com/) (http://paletton.com)

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

Step 1: Start with a simple HTML web site similar to figure below:

```html
<!DOCTYPE html>
<html>
<head>
</head>
<body>
</body>
</html>
```

Step 2: Place the following documentation lines in the HTML file, right below the `<!DOCTYPE html>`

Your name
CSCI-A 340 Introduction to Web Programming
Lab: 4 (Creating a HTML Tables)
Semester, Year

Step 3: Set the title of the web page to “Creating HTML Tables”. Then set the keywords for the page to HTML Tables, CSCI-A340, Web Programming. Finally make sure the character set for the web page is set to UTF-8.

Step 4: Include an image of yourself at the top of the page and center it. Set the height of the image to 140 pixels, and adjust the width of the image to whatever makes the images properly proportioned. Include a tooltip attribute for the image (try both “alt” and “title” attributes), so that when the user hovers over your images, your name will appear as alternate text for the picture.
Step 5: Below the picture, put your "name" and email on two separate lines. Make sure these lines are centered, and are <H2> size.

Step 6: Place the following introductory paragraph below step 4. Make sure it is left justified and it is also bold.  
A paragraph (3 to 5 sentences) about yourself, your major, etc.

Step 7: Create a table (15 rows x 6 columns) similar to the one shown below: (Monday through Friday, 8:00am to 8:00pm), Work Hours shown in BLUE, classes shown in GREEN. Pick different color(s) for other events that you may want to include.

![Table Example]

My Name
MyEmail@iusb.edu

Your introductory paragraph goes here. Make sure it is left justified and it is also bold. A paragraph (3 to 5 sentences) about yourself, your major, etc.

<table>
<thead>
<tr>
<th>Time</th>
<th>Monday</th>
<th>Tuesday</th>
<th>Wednesday</th>
<th>Thursday</th>
<th>Friday</th>
</tr>
</thead>
<tbody>
<tr>
<td>08:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>09:00</td>
<td>Tutoring</td>
<td>Tutoring</td>
<td>Tutoring</td>
<td>Tutoring</td>
<td>Tutoring</td>
</tr>
<tr>
<td>10:00</td>
<td>Tutoring</td>
<td>Tutoring</td>
<td>Tutoring</td>
<td>Tutoring</td>
<td>Tutoring</td>
</tr>
<tr>
<td>11:00</td>
<td>Tutoring</td>
<td>Tutoring</td>
<td>Tutoring</td>
<td>Tutoring</td>
<td>Tutoring</td>
</tr>
<tr>
<td>12:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>14:00</td>
<td>CSCI-C435</td>
<td>CSCI-C435</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>15:00</td>
<td>CSCI-C435</td>
<td>CSCI-C435</td>
<td></td>
<td>CSCI-A340</td>
<td></td>
</tr>
<tr>
<td>16:00</td>
<td></td>
<td></td>
<td></td>
<td>CSCI-A340</td>
<td></td>
</tr>
<tr>
<td>17:00</td>
<td>Library</td>
<td>Library</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>18:00</td>
<td>Library</td>
<td>Library</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>19:00</td>
<td>Library</td>
<td>Library</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20:00</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Note that the above table has 2 head rows, and 13 data rows. Investigate the use of <THEAD> and <TBODY>.

Step 8: Create the table tag with header and body. Note in the example below the table body has a border which is 15 pixels wide.
<table border="15" align='center'>
<thead>
  <!-- The table head -->
</thead>
<tbody>
  <!-- The table Body -->
</tbody>
</table>

Step 9: Inside the <thead> ……</thead> tag, Create two rows (<tr>) tags to put the table heading <th> information:

<tr>
  <th>Time</th>
  <th>Monday</th>
  <th>Tuesday</th>
</tr>

Step 10:  Make each weekday column (100) pixels wide by adding a width attribute to the <th> tag:

<th width='100px'>

Step 11:  Now add the rows to the table body.  Note that each row represents one hour:

<tr>
  <td>08:00</td>
  <td></td>
  <td></td>
  <td></td>
  <td></td>
  <td></td>
</tr>

<tr>
  <td>09:00</td>
  <td align='center' bgcolor='#3BA3D0'> Tutoring</td>
  <td align='center' bgcolor='#3BA3D0'> Tutoring</td>
  <td align='center' bgcolor='#3BA3D0'> Tutoring</td>
  <td align='center' bgcolor='#3BA3D0'> Tutoring</td>
  <td align='center' bgcolor='#3BA3D0'> Tutoring</td>
</tr>

...  

<tr>
  <td>15:00</td>
  <td align='center' bgcolor='#AAF53D'>CSCI-A340</td>
</tr>

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