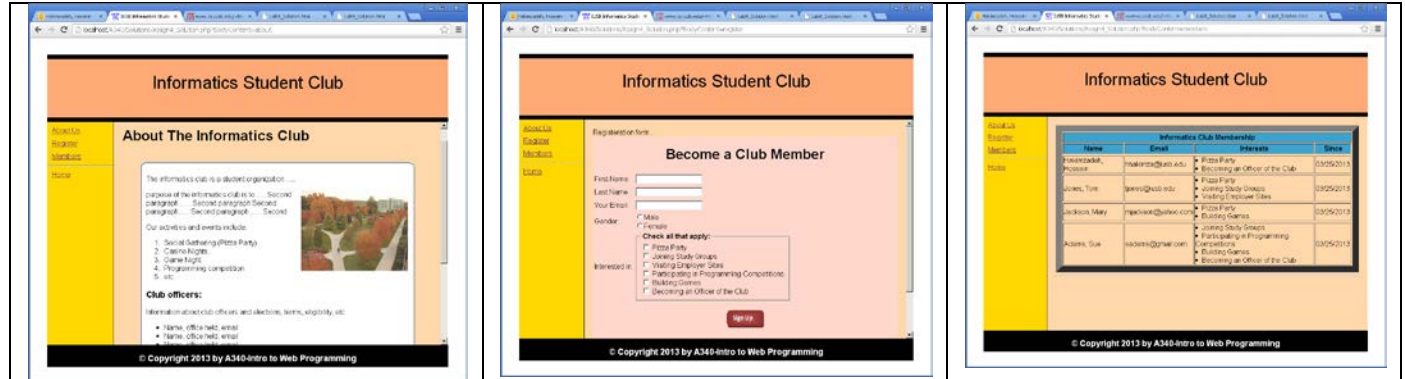


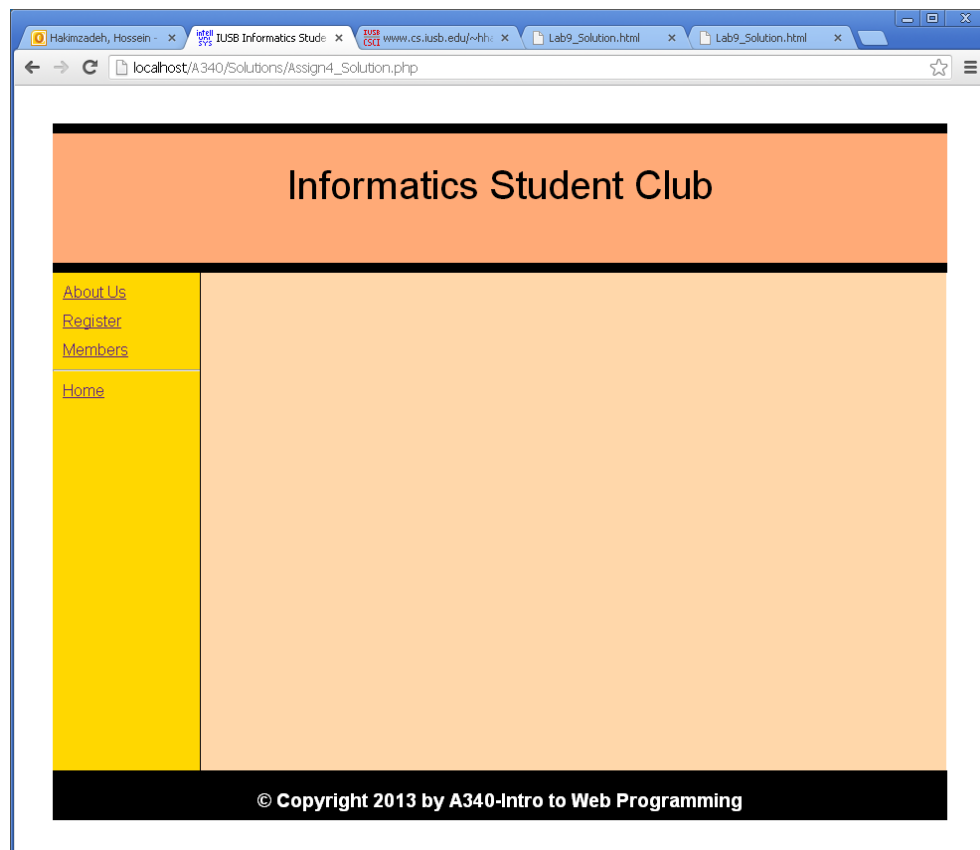
**Assignment #4****CSCI-A340 - Introduction to Web Programming**  
**PHP, CSS, and a little JavaScript!**  
(PHP, arrays, functions, files, Forms, POST super global, HTML, CSS, JavaScript, event handling, etc.)**20 pts.****Sunday April 10****Complete labs (12, 13, and 14)  
prior to attempting this  
assignment**

Create a website similar to the one shown below:



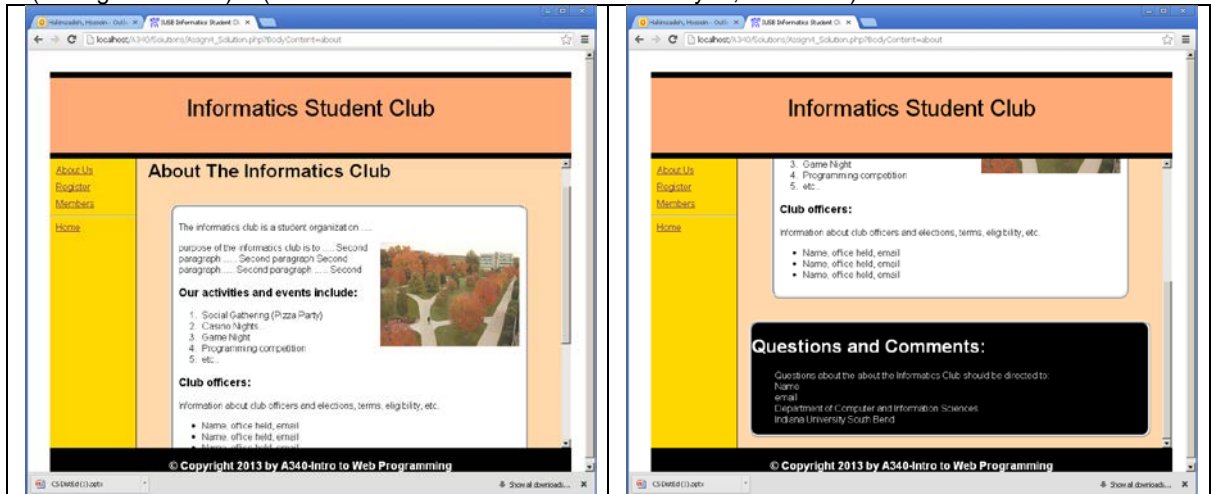
The site should be called “Informatics Student Club” and should provide the following features:

- 1) The initial home page which simply provides 4 regions: (Header, LeftNav, BodyContent, Footer). The color choices for the application are up to you. The LeftNav region should be about 150w x500h pixels and the entire width of the page should be about 900 pixels.



- 2) The LeftNav produces 4 links as shown above. These links should provide some level of interactivity (use CSS to highlight, change color, add border, etc to the link as the user hovers over them.) See the video for this assignment for additional details.
- 3) Let's start with the simplest link. The “HOME” link should simply return the user to the above page.

- 4) The “ABOUT US” link should provide the following information (a paragraph describing the organization and its purpose. An ordered list of activities, an unordered list of club officers, and an area for questions and comments (see figures below). (Hint much of this should look familiar to you, see lab 9)



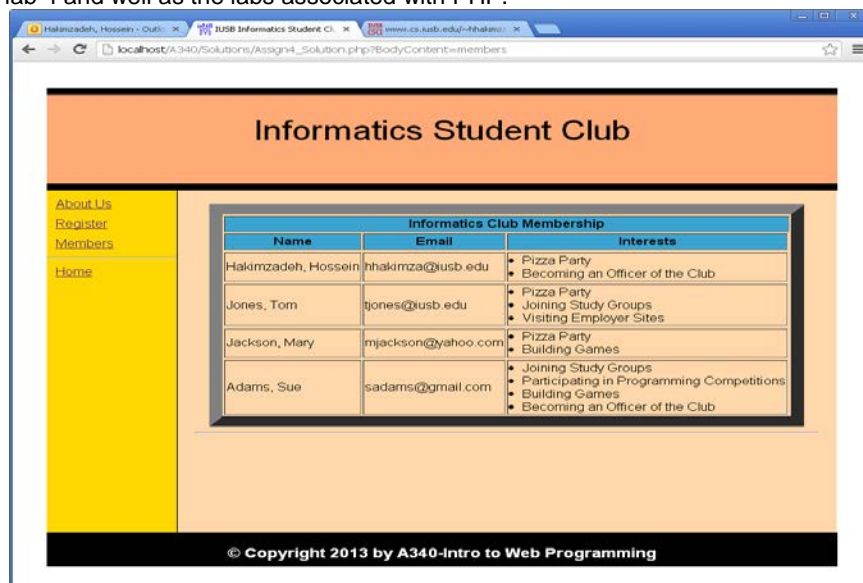
- 5) The “REGISTER” link should display a form similar to the figure shown below. The form should use the POST method (\$\_POST super global variable) to return the data from the form. Again the creation of the form should look familiar to you. (Review assignment 1) The main difference here is that the form will be processed and the data from the form will be stored in a sequential data file on the server.

Once the form is completed, and the user clicks the “Sign Up” button, we need to **append** the data provide by the user to a sequential file named “**Assign4\_Membership.txt**” on the server. (Review PHP file I/O). Also complete the related PHP labs.

When the form is submitted, the data should be appended using the following (Semi-XML) format. Note this is not as bad as it seems. You simply write an opening <tag> to indicated that a particular field is going to appear in the next line. After that you write the data, and then finally you write the closing </tag> to mark the end of the field. Complete the related PHP labs first. These tags will make it easier to understand what is in the data file, and it also makes it easier to read the data back and display it in a table when the user clicks the “MEMBERS” link.

```
<fname> Hossein
</fname>
<fname> Hakimzadeh
</fname>
<email> hhakimza@iusb.edu
</email>
<sex> male
</sex>
<interests>
  Pizza Party
  Becoming an Officer of the Club
</interests>
<fname>
  Tom
</fname>
<fname>
  Jones
</fname>
<email>
  tjones@iusb.edu
</email>
<sex>
  female
</sex>
<interests>
  Pizza Party
  Joining Study Groups
  Visiting Employer Sites
</interests>
```

- 6) The “MEMBERS” link simply reads the above (semi-XML) file and displays the members that have currently registered in a tabular format. (see below) Note that the “SEX” field does not appear in the table, if you like to add that see the hacker’s corner below. You probably notice that this table also looks familiar. Take a look at lab 4 and well as the labs associated with PHP.



### Hacker's Corner

If you finish the assignment before the due date and want to do more, consider improving or expanding the registration page to get additional information, perhaps using other GUI controls such as combo boxes, etc. Another improvement would be to use java script to validate some of the input (for example checking to see if the email address is well-formed [userid@domain.edu](mailto:user@domain.edu)). Yet another improvement would be to include the “SEX” column in the “MEMBERS” table. Feel free to contact me for brainstorming, if you like to work on these issues.

Good luck, Start Early, and Have Fun