CS 350 – Lab03

- Download the lab03_StartFile.zip file from D2L and extract its content.
- Create a file style.css
- In the lab03.html, create the <link> tag to connect the html file with the CSS file.
- In the CSS file, write the appropriate code to change the style of the document. See the sample page below.

1. The body of the document should be of size 950 pixels and centered. In this case, we need to change the properties width, margin left and margin right.
2. The body must have a distance of 20 pixels from the Top and from the bottom of the screen. That is the margin from top and margin from bottom.
3. The body should have a shadow and round corners. Here is a web page with several samples of shadows: http://www.css3.info/preview/box-shadow.
4. The content of the page has a distance from the shadow of 10 pixels. This is the internal distance
5. The text in the body will be of family "Verdana"
6. The heading 1 has the SIU maroon color (#660000) as background and white for the text. The text is aligned at the center and has a distance from the border of 10 pixels. The heading has shadows only at the bottom and right
7. The heading 2 has color gray, a dotted bottom border and a distance of 10 pixels from the border. The font size is 35 pixels and the font is of family "Agency FB".
8. The heading 3 has the SIU maroon as color for the text
9. The links have no decoration and the default color is gray. After a link is visited, the color will remain gray. When the mouse is hovering the link, change the color to red and the text to bold
10. The summary tags will have a thin shadow (example E from the website http://www.css3.info/preview/box-shadow) and round corners. The distance of text from the border is 10 pixels and the margin distance is 2 pixels. The text has the SIU maroon as color and the font is bold
11. When the mouse is hovering the details-summary, change the background color to light gray
12. Create a Class Selector to apply the style to the paragraphs inside the details tag that is showing the course description. It should have a distance from the left margin of 20 pixels and distance from the border of 5 pixels. You may need to add some code to the html file to apply the class style.
13. Create a Class Selector to apply style to the paragraph the is showing the Pre-Requisites for the courses. Set the text to italic and the margin left 20 pixels and internal distance from the border of 5 pixels. You may need to add some code to the html file to apply the class style.
14. Create a Class Selector to apply style to the advisor information. Set the background color using #d5e3ff, center the text, and add a distance from the border of 20 pixels. Change the font size to 12 pixels. You may need to add some code to the html file to apply the class style.

- Zip the html file and the css file and submit your zip file using the drop box on D2L.

SIU Southern Illinois University
CARBONDALE

Computer Science

CS Concentration Tracks

Computer Graphics and Game Development

- CS 484 - User Interface Design and Development
- CS 485 - Computer Graphics
- CS 487 - Software Aspects of Game Development

Networks/Security

- CS 408 - Applied Cryptography
- CS 410 - Computer Security
- CS 440 - Computer Networks
- CS 441 - Mobile and Wireless Computing

Database and Systems

- CS 401 - Computer Architecture
- CS 406 - Basic Linux System Administration
- CS 420 - Distributed Systems
- CS 430 - Database Systems
- CS 455 - Advanced Algorithm Design & Analysis

Artificial Intelligence and Robotics

- CS 404 - Autonomous Mobile Robots
- CS 436 - Artificial Intelligence I
- CS 437 - Machine Learning and Soft Computing

Software Engineering and Application Development

- CS 406 - Basic Linux System Administration
- CS 412 - Programming Distributed Applications
- CS 435 - Software Engineering
- CS 484 - User Interface Design and Development

CS Course Descriptions

▼ **CS 401 - Computer Architecture**

Review of logical circuit design. Hardware description languages. Algorithms for high-speed addition, multiplication and division. Pipelined arithmetic. Implementation and control issues using PLA's and microprogramming control. Cache and main memory design. Input/Output. Introduction to interconnection

- ▸ **CS 404 - Autonomous Mobile Robots**
- ▸ **CS 406 - Basic Linux System Administration**
- ▸ **CS 408 - Applied Cryptography**
- ▸ **CS 410 - Computer Security**
- ▾ **CS 412 - Programming Distributed Applications**

  This course uses advanced features of the Java programming language to develop networked, distributed, and web-based applications. Topics covered include, but are not limited to, sockets, data grams, the Java security model, threads, multi-tier architectures, Java RMI, Java database connectivity, and Java-based mobile agents..

  Prerequisite:CS 306 with a grade of C or better.

- ▸ **CS 420 - Distributed Systems**
- ▸ **CS 430 - Database Systems**
- ▸ **CS 435 - Software Engineering**
- ▸ **CS 436 - Artificial Intelligence I**
- ▸ **CS 437 - Machine Learning and Soft Computing**
- ▸ **CS 440 - Computer Networks**
- ▸ **CS 441 - Mobile and Wireless Computing**
- ▸ **CS 455 - Advanced Algorithm Design & Analysis**
- ▸ **CS 484 - User Interface Design and Development**
- ▸ **CS 485 - Computer Graphics**
- ▸ **CS 487 - Software Aspects of Game Development**

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