

CS 110, Fall 2005 – Introduction to Information Technology
Assignment 2
Due Date: September 26, 2005

The goal of this assignment is to gain experience with additional HTML skills including audio, bulleted lists, and hyperlinks. You will create a two-page website. The “front” page of your website will briefly introduce you, and will include a hyperlink to a second page, the ‘schedule’ page, which will list the courses you are taking. We describe these pages below. Your homework submission **must** satisfy these specifications exactly. An example solution is attached to this assignment. Create your webpage using HTML code written in the WordPad application, as you did in your first webpage in Assignment 1. Do **not** use Netscape Composer or any other web authoring software. For instructions on how to open WordPad and save .html files using WordPad please refer to the instructions in the ‘Creating your first webpage’ section of Assignment 1. **Please note:** the HTML files you create for this assignment will be saved with different names (myFrontPage.html, and mySchedule.html) than the two files you created for Assignment 1. Be sure the HTML files you create for this assignment have these filenames.

Note: Completing this assignment requires that you use several unfamiliar technologies. The complexity of the task creates a real risk that you will run out of time before you finish. Analyzing and mitigating such risks is a key to successful practice. In this case, you should carefully determine how the overall task breaks down into a set of sub-tasks (called a work breakdown structure); estimate how long each task will take; determine the best order in which to perform the sub-tasks (attack the most difficult or highest risk parts *first*); and schedule your week accordingly.

The Front Page

- The HTML ‘title’ of this page must be your name.
- At the top of the page, write your name: centered, in color (not black), and using the ‘H2’ heading
- Unless otherwise noted, all subsequent text will be black and unformatted.
- Centered below your name include a hyperlink named ‘Email Me’ which allows viewers to send you email. There is a simple way using the HTML attribute ‘mailto’ to add a hyperlink, which allows viewers to send you email. The following html code will create the hyperlink: [Send an email to CS110](mailto:cs110@cs.virginia.edu)

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<A HREF="mailto:cs110@cs.virginia.edu">Send an email to CS110</A>
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Note: when you click on the above hyperlink the email application will open with a message addressed to cs110@cs.virginia.edu.

- Centered below your email link, include an image. The image must be exactly 500 pixels wide by 400 pixels tall.
- Below your image, a horizontal line must stretch across the page.

- Below your horizontal line, and left justified, you must include a brief biographical paragraph. The paragraph must be italicized. (This can be the same paragraph you wrote for Assignment 1).
- Left justified and below your paragraph, create a hyperlink to a web page you have created to list your current class schedule. The link should be named 'My Schedule'.
- Your front page must contain a background audio feature that automatically begins to play when a user opens your page. Your background audio should not loop (it should only play once), and the control box for the audio file should not be visible. For help with embedding audio into your webpage, please refer to the following website: <http://www.world-voices.com/resources/addaud.html>. The website provides instructions on how to work with the HTML <embed> tag which you will need to use to create your background audio feature for your webpage.
- Save your HTML code as myFrontPage.html.

The Schedule Page

- The HTML 'title' of this page must be the possessive form of your name followed by the word 'Schedule.' For example, 'John Doe's Schedule'
- At the top of your schedule page should be the words 'My Schedule' centered and bolded.
- Left justified and below this include a bulleted list of the courses you are taking this semester. Use the HTML 'list' mechanism. Each course must be on a separate line. Include course numbers and course names.
- Left justified and below your list of courses, create a hyperlink named 'My Homepage' that directs users back to the front page you created.
- Save your HTML code as mySchedule.html

Additional Resources:

Images and sounds can be obtained from the following websites (among others). Understand and respect copyrights. Use materials only if permission is clearly granted.

Google Images: <http://images.google.com>

Free Audio Clips: www.freeaudioclips.com

Free Sounds and Effects: <http://www.webplaces.com/html/sounds.htm>

Free Sound Resources: http://resources.bravenet.com/audio_clips/

The following websites contain examples, and tutorials for accomplishing some of the trickier portions of this assignment.

Help with Adding Audio to Your Webpage:

<http://www.world-voices.com/resources/addaud.html>

Help with Adding A Hyperlink so visitors of your page can email you:

<http://www.webdevelopersnotes.com/tips/html/1.php3>

Submission:

This assignment is due **before noon Monday September 26, 2005**. Use the Instructional Toolkit at <http://toolkit.itc.virginia.edu> to submit the HTML code for both webpages. In addition to submitting these webpages, both pages must be available for viewing on the Internet at the following addresses (where yourusername is your login (user name)):

- Front Page webpage –
`http://www.people.virginia.edu/~yourusername/myFrontPage.html`
- Schedule webpage –
`http://www.people.virginia.edu/~yourusername/mySchedule.html`

Honor Policy: You are to work on this assignment individually. You may not make *any* changes to your web pages between the time at which the assignment is due (or the time at which you turn in your assignment, if it's late) and when you receive your grade

Reminder:

The graduate TAs for this course hold office hours every week at the following times:
Tues: 3:30p - 5:30p, Small Hall computer lab
Wed: 11:30a – 1:30p, Small Hall computer lab

We encourage you to attend these office hours if you have questions and/or problems. Questions can also be directed to cs110@cs.virginia.edu.