

CSC 102 ♦ HOW THE INTERNET WORKS  
ASSIGNMENT 3

### Part One: Quiz (20%)

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Complete the third Moodle quiz with a grade of at least 8.5/10.

### Part Two: Web Pages (80%)

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In this assignment, you make a set of interlinked web pages and leave them on our Web server for me to access. You can create the Web pages in any editor you want to. I only care about the final product for this assignment, and I will be looking at the HTML source. I list many specific requirements, and half the battle of the assignment will be not forgetting to do them all. Sorry for this complexity, but I want to be certain you can do all of this correctly.

I will check methodically for each of the required features. The most difficult aspect of the assignment is not to miss any. (Suggestion: Make a list and check off each item as you complete it.) Also, please avoid using deprecated HTML tags, like `<font>` and `<center>`.

Most of the grade on this part will be determined by the features below, but a small portion of my assessment will be a subjective evaluation of the page design. So please try to make it neat and well organized.

#### *Uploading to aurora*

This is in some sense the most important item, since you will not receive credit for the remainder of the assignment unless you do this part properly. All your files for this assignment must be posted on **aurora.smith.edu** and publicly accessible. You can check your work by following the link to your course account from the [student pages index](#). You do not need to submit anything to Moodle this week (although you do take Quiz 3 in Moodle).

#### *Page 1: index.html (20%)*

Create a web page named **index.html**. Please note: all lower case, and .html, not .htm. Your page must fulfill the list of requirements given below.

1. The title of the page (not a heading in the page, but the text shown in the web browser menu bar) should be: Jane Doe CSC 102 Home Page (where you will fill in your name in place of Jane Doe).
2. In the page body, create at least two section headers (using an appropriate heading tag), with the text **Assignment 3** and **Labs**. (Note: A heading tag is different from the `<head>` tag of an `<html>` document, which should not appear within the `<body>`.) Next week, you will add some new sections as necessary (such as **Assignment 4**), but these two will do for now.
3. Include prominently placed **relative** links to the three substantive pages described below. Each link should be an element in an **unordered** list.
4. [Optional] You may include other content and links (to lab work, etc.) as desired.

#### *Page 2: bio.html (40%)*

This will be a page with several miscellaneous elements, in a file named **bio.html**. Again, the file name should be all lower case. The subject of this page should be autobiographical. You may include real details from your life or make stuff up. Be creative, but don't spend too long on filling out the content because you

will not be graded on it directly. Although you may add style attributes to your elements, the main focus of this assignment is on the HTML tags. We will be adding style rules to the pages for next week.

1. Include your name as the web page title.
2. Divide the page into at least three sections using horizontal rules.
3. Each section should have a named anchor and a heading at the top.
4. At least one section must be divided into several paragraphs.
5. Somewhere the page should include a list of links to each of the section anchors, as a sort of table of contents.
6. Include two images. One should link to an image file in the same directory as your html file. The other should link to a file stored at a remote url. Pick an image that is somewhere on smith.edu, but not within cs.smith.edu. (Note that remote image linking is not a normal tactic, but I want to see you know how to do it.)
7. Include some emphasized text and some strong text in an appropriate context. (Note that "emphasized" and "strong" are *logical* tags, and are not the same as the *physical* tags italics and bold).
8. Include a link back to the index page.
9. Include an HTML comment somewhere in your HTML file. Make it obvious so that I can find it!
10. Try for a pleasing arrangement of all the above materials (not graded).

### ***Page 3: links.html (20%)***

This file should contain a list with nested sublists (i.e., something looking like an outline with topics and subtopics), each item comprising a link somewhere. These links should form three groups. Use relative or absolute links as appropriate for each.

1. Links to each of the other pages of the assignment.
2. Links to the Smith page, the CSC 102 course home page, and the CSC 102 Moodle page.
3. Miscellaneous links. These should be created using a definition list format, so that the name of the site is followed by a short description written by you.
  - a. A link to a cool page of your choosing.
  - b. A link to some external page with a **customized query**. This may be a commerce site, mapping site, etc.  
*Example: <http://www.google.com/search?q=smith+college>*
  - c. A link to some content other than an HTML page. This could be a PDF file, an image, an email address, a .zip file archive, etc. If you cannot find such content elsewhere, you may link to a file placed within your own folder of web content.