CS 6 – Summer 2015 – HTML Project

Informative website on an interesting topic

1. Overview

You can choose anything from your favorite sport, a topic you researched for another class, a particular skill you possess, especially if it is a little unusual, etc. The choice is yours. If you are having problems finding a suitable topic, feel free to talk to the instructor or TA.

Stretch your imagination – the more interesting your website, the happier we will be with the results. Do NOT make it about yourself or any other person. Also, please do not make it folksy or personal like Facebook. Present it as a professional, informative web site about your chosen topic that educates the web surfer about the topic.

You should have five pages total, including one main page and four sub-pages. The pages should be clearly titled and easily navigable. It is strongly suggested that you put the same five navigation links at the top of each page, which will allow the web surfer to go to any other page.

Please keep the text short. One to three short paragraphs per page is about right. Every page should have at least one graphic (either image or video).

2. General Requirements

- The main page should remain within the bounds of a normal screen – i.e. no scrolling to the right or down is allowed on the first page. It must be named index.html.
- There should be links on the main page to the other 4 sub-pages you have created. The 4 sub-pages must have a link to the main page, i.e. a user should not have to use the "back" button of the browser at all while on your site. Again, you can have menus in your pages for navigational purposes.
- Every page should use graphics and color to add character to the website. Remember to use pleasant colors. Avoid green text, which is usually difficult to see and read.
- Each of the sub-pages must contain external links of relevance to their respective topics.
- Text Formatting should be used to enhance the readability of your site.
- The styling must be **separated** from the HTML code using CSS. You should have a head and body section for each HTML file and use an external `.css` file. Do not inline your CSS unless absolutely necessary.

Your HTML code must be hand written (i.e., entered into files in *Cloud9* like you did in lab, not generated by some web page authoring program), nicely formatted (with beginning tags and end tags at the same level of indentation and all nested HTML indented within), and elegant. The source code will be inspected and it must be clear it was handwritten and nicely indented. No web-page generators or saving a MS-Word document in HTML is allowed. Looking up HTML on tutorial sites is fine and is in fact actively encouraged.

3. Minimum HTML Requirements

   - At least 2 types of headings.
   - At least 8 CSS selectors.
   - At least 2 embedded videos.
   - At least 1 unordered or ordered list.
   - At least 1 HTML table.
   - At least 5 hosted images (a few more is recommended).
   - Appropriate title (not the default which is the URL).

4. Grading (out of 50):

   - Overall effectiveness and interest of the site – **5 Points**
   - Effective navigation to and from every page – **10 Points**
   - Effective home page (clarity and ease of use, no scrolling.) – **5 Points**
   - Links to relevant external sites – **5 Points**
- Effective use of graphics – 5 Points
- Formatting of HTML code, organization, indentation – 10 Points
- Effective use of formatting – 5 Points
- Effective use of embedded video – 5 Points

You will present your project to the TA during the last lab.

One last point: Students must complete this project individually.

Whenever you work on your project, do not forget to log out of Linux (System > Log Out). Do not turn off CS lab computers.