

HTML Assignment 1

Overview

Hypertext Markup Language (HTML) is an annotation system for text, also called a *markup language*, that is used to define Web pages. Web browsers retrieve HTML files from Web servers and create visual representations of them to the user. To understand how to create Web applications, you need to understand HTML.

Example

Here is a simple HTML file.

```
<html>
  <head>
    <title>Hello, World.</title>
  </head>
  <body>
    <h1>Hello, World.</h1>
  </body>
</html>
```

Deliverables

When this assignment is complete, you will have created a folder called *assignment1* containing the following files. This html folder and its contents will be posted to your server using an FTP client (such as filezilla).

- index.html
- elements.html
- inline_styles.html
- internal_styles.html
- external_styles.html, styles.css
- form.html
- entities.html

Reference:

<http://www.htmldog.com/guides/cssbeginner/>

<http://www.w3schools.com/css/>

<http://www.htmlgoodies.com/beyond/css>

<http://www.youtube.com/watch?v=GwQMnpUsj8I>

<http://www.youtube.com/watch?v=Wz2klMXDqF4>

Any other google article or youtube video that discusses the topic... you are free to use whatever research you like to get the tasks done.

Instructions

Part 1

Create a folder called *assignment1a*.

Create the following files in folder *assignment1* and test them by opening them in a web browser directly from your file system.

index.html	Contains relative links to all other pages in this assignment. (These links are relative, so they work correctly when the files are copied to a new location in the file system.)
elements.html	Contains examples of the following elements: html, head, title, body, p, h1, h2, pre, img, table, ul, li.
inline_styles.html	Contains style attributes for the following tags (inline style approach): body, p, h1, h2, pre.
internal_styles.html	Contains style attributes for the following tags using the internal stylesheet approach: body, p, h1, h2, pre. See: http://www.w3schools.com/html/html_css.asp
external_styles.html styles.css	Contains style attributes for the following tags using the external stylesheet approach: body, p, h1, h2, pre. See: http://www.w3schools.com/html/html_css.asp
form.html	Contains an example of a form element containing the following controls: text box, text area, check boxes, radio buttons, submit button, drop-down selection list.
entities.html	Contains examples of 5 different HTML entities, such as & and <

Copy the *assignment1* folder and its contents onto a folder. You should be able to navigate to the website using relative links and between each of these files.

Indicate that you have completed the assignment by submitting the assignment url on Blackboard. This assignment is due before the start of the next class. No assignments will be reviewed if late.

Part 2

Create a folder called *assignment1b*.

Create the layout on the following page using CSS. You should attempt to make your page look as close as possible. The source html can be found here: <http://www.csszengarden.com> (Yes, if you flip through enough, you will find the design below. I want you to try to create this on your own. You are welcome to look at any of the other layouts to get ideas, but please make this work your own.

Also I have uploaded the raw html from the page below onto subversion. It is located here: <http://www.wesleyreisz.com/repos/teaching/WebArchNet/>

The username and password is readonly.



