CS601: Module 1 Assignment

General Rules for Homework Assignments

- You are strongly encouraged to add comments to your source code. Doing so will help your facilitator to understand your logic/approach and grade your work more accurately.
- You must work on your assignments individually. You are **not allowed** to copy the answers from others. However, you are encouraged to discuss approaches to the homework assignment with your facilitator.
- You are expected to write your own code for all assignments. You may use an IDE or advanced text editor for your assignments, but you *must not* use any auto generated code provided by such tools or other applications. So be sure to write your own code in the editor window, don't use the WYSIWYG builder (if applicable).
- Do not use any unapproved code libraries or frameworks.
- Each assignment has a strict deadline. However, you are still allowed to submit your assignment within **two (2) days** after the deadline with a penalty. 15% of the credit will be deducted unless you made previous arrangements with your facilitator. Assignments submitted 2 days after the deadline will not be graded.
- When the term *lastName* is referenced in an assignment's file or folder name, please replace it with **your** last name.

Create a new folder/directory named **CS601_HW1_*lastName*.** Place your solution(s) to the assignment requirements in this folder.

NOTE: THIS DOCUMENT CONTAINS MULTIPLE PAGES

Biography

Requirements:

Using only HTML 5 (no CSS, JavaScript, or other languages):

You will create a **three (3) page** web site incorporating what you have learned about HTML 5 this week. The focus of the site *should* be about you. Think of this as a biography that will grow into a larger project, a portfolio (term project). Your site can have an alternate topic/focus if approved in advance by your facilitator.

Here are the specific requirements:

1. You must have at least two (2) paragraphs of text based content on at least one page.
    a. Full paragraphs are 4-5 sentences in length.
2. You must provide at least one (1) external hyperlink to a publicly hosted website(s) on at least one page.
    a. You can choose to link to your work, your home town, hobbies, interests, etc.
    b. Internal links to other pages of your site do not count towards this requirement.
3. You must use the new HTML5 structural elements on **every** page.
4. Include at least one image on **every** page
    a. You can use the same image on every page, but if you do, that will only count as having one image on one page. Add an additional image(s) to the other pages to meet the requirement.
5. Include one table containing tabular data on at least one page.
6. Include at least one list on at least one page.
    a. This list should contain traditional list-type content
7. Create a consistent menu/navigation bar that is used on all pages and contain links to the other pages.
    a. You should be able to access all pages from any page of your site.
    b. You may use a list for navigational/menu purposes. The list could then be styled with CSS as part of next week's assignment.
8. Include one video or audio element on at least one page that successfully plays in Firefox.
    a. You are encouraged to use HTML 5 video/audio elements, but you can alternatively embed a YouTube video if you desire.

<u>**Assessment/Grading:**</u>

Your assignment submission will be scored by the following criteria:

1. Strict adherence to the requirements stated above: 70%
2. Code validates without errors (warnings are OK): 10%
3. Overall quality of work and effort as determined by your facilitator: 10%
4. Incorporating additional features/concepts that were presented in the week's topics that take your submission above and beyond the requirements stated above: 10%

It is important that your code passes validation; you should use http://validator.w3.org for assistance.

Note: Preserve the code from this part of the homework, as you will be building upon this in future assignments.

Submission

Export your **CS601_HW1_*lastName*** folder containing all the relevant sub-folders and files as a zip file, and upload the zip file to the appropriate assignment submission area.