WEBD 1000 Assignment #3 - Tutorial 6 Case Problem 2 (HTML 514)

Website Development

**Due: Submitted before the date and time specified on the Brightspace Assignment 3 Dropbox object**

# Deliverables

1. A **video file** or **link to a video** (with proper permissions for the instructor to view it) to this Assignment Dropbox before the due date indicated.
2. Link to the Github repository with the code of your webpage. Refer to the course outline for the expectation of Git log.
3. A snapshot of the Git commit activity page (e.g. <https://github.com/rust-lang/rust/graphs/commit-activity>)
4. Meet with the instructor to verify your submissions + Q&A \*You should be able to answer any questions related to the topics covered in this assignment.

# Instructions

1. Complete Case Problem #2 from Tutorial 6 on page **HTML 514**(Section 6-14g) of the textbook.

NOTE: There is some confusion in Step 11 in the textbook:

* When they say to hide **the thead h1** element in the mobile style, I think they meant that you should hide both the **thead** and the **h1** table elements.
* The **medium grey** background they suggest for the table caption does not seem to match the example screenshot of the mobile site in the book. Perhaps try a background color of **black** instead.

NOTE 2: I followed their instructions but did not quite get the same spacing between the columns on the mobile site as the date was very close to the information in the other column. This is fine for marking purposes although if you play with spacing to fix it (e.g. margin, padding), that is fine as well.

1. Complete Case Problem #1 from Tutorial 3 on page **HTML 269** (Section 3-24f) of the textbook.
2. You will demonstrate your work via a **video screen-capture recording with your voiceover** navigating your completed Website in the **browser** (e.g. Chrome) and the corresponding **code** in the IDE/text editor (e.g. VSCode/NotePad++) to show completion of the attached rubric/checklist. You will post **either your video file or a link to it** (e,g, a Microsoft Stream recording, make sure to give the instructor permissions to watch it), to the Brightspace Assignment 2 Dropbox prior to the deadline. If you are not sure of how best to capture such a video, seek advice from the instructor prior to the deadline.

Note: You can record the screen using OBS (<https://riverside.fm/blog/how-to-record-with-obs>). You will need to show the code, the page and use your voice to explain how the code affected the look and feel of the pages, as indicated in the rubrics.

1. This is to be an individual assignment (i.e. not group work).
2. The rubric/checklist on the last pages **should act as your guide of what to demonstrate in the video**. The video file (or link) should be submitted to **Brightspace** before the deadline.
3. That’s it.

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|  | **Criteria** | **How-to Demonstrate in Video** | **Unsatisfactory** | **Developing** | **Good** | **Exceptional** |
| **0** | **1** | **2** | **3** |
|  | **Page Design** | - **browser**: show main page with table displaying correctly at desktop device size | - does not demonstrate | - partially demonstrates | - mostly demonstrates | - the pages are well- designed, easy-to-read and the page is visually appealing using the correct HTML tags |
| **Table Structure** | **- browser**: show successful validation of main HTML page in W3C HTML validator  - **code**: show HTML basic table structure in code with table tags  - **code**: show table cells with table data and headings  - **code**: show table caption | - does not demonstrate | - partially demonstrates | - mostly demonstrates | - all table HTML elements were correctly used and also included details like a caption |
| **Table Row/Column Grouping** | **- browser**: show successful validation of *lht\_tables.css* page in W3C CSS validator  - **code**: show table row/column groupings set correctly in HTML  - **code**: show table row/column styling set correctly in CSS | - does not demonstrate | - partially demonstrates | - mostly demonstrates | - all rows and columns were appropriately grouped to style the table accordingly  - no errors exist in either the grouping or the styling |
| **Media Queries &**  **Responsive Design** | - **browser**: use Google DevTools Device Emulator to show site with table at phone device size  - **code**: show media query for phone devices set correctly  - **code**: show media query for tablet/desktop devices set correctly  - **code**: show HTML meta tag to set the viewport width for use with mobile devices | - does not demonstrate | - partially demonstrates | - mostly demonstrates | - page responds perfectly to changes in device size and/or orientation  - the correct mobile/tablet-desktop version of the site is always displayed  - appropriate meta tag added to the HTML  - media queries defined appropriately for both mobile and tablet-desktop versions  - no errors exist |
| **Table Styles** | - **code**: show table text, background, & border styling  - **code**: show table caption styling | - does not demonstrate | - partially demonstrates | - mostly demonstrates | - table was appropriately styled using text and background colours, and borders  - caption was also styled for placement and font |
| **CSS3 Columns** | **- browser**: show CSS columns displaying correctly at desktop size  **- browser**: show successful validation of *lht\_columns.css* page in W3C CSS validator  **- code**: show CSS column styles | - does not demonstrate | - partially demonstrates | - mostly demonstrates | - an appropriate area of the page was styled using CSS3 columns correctly |
| **Formatting** | - **code**: show proper indentation and code layout throughout HTML  - **code**: show proper indentation and code layout throughout CSS | - does not demonstrate | - partially demonstrates | - mostly demonstrates | - source code  formatting never deviated from the programmer’s layout |

**Rubrics for Git log + Git activity log (3 points max)**

1. Basic understanding of Git and GitHub (1 point)

Demonstrated an understanding of the basic concepts of version control and has been able to create a repository, commit changes, and push to the repository.

1. Proficient use of Git and GitHub (2 points)

The student has demonstrated proficiency in using Git and GitHub, including branching, merging, and resolving conflicts. They have also been able to effectively use these tools in the context of collaborative software development.

1. Good commit messages and documentation (3 points)

The student has demonstrated an understanding of best practices for Git committing, including the use of clear, concise commit messages and appropriate documentation. They have also been able to apply these practices consistently in their work.

1. Advanced use of Git and GitHub (4 points) – Not required yet

The student has demonstrated advanced knowledge of Git and GitHub, including use of advanced features such as stashing, rebasing, and cherry-picking. They have also been able to apply these skills to optimize their workflow and resolve complex version control issues.

Video Checklist on next page…

# WEBD1000: Assignment Five - Video Submission Checklist

NOTE 1: BEGINNING OF THE ASSIGNMENT DOCUMENT HAS IMPORTANT CORRECTIONS!!

NOTE 2: MAKE SURE TO SHOW EACH CHECKBOX ITEM IN CODE ONE AT A TIME AND DO NOT SIMPLY SCROLL THROUGH THE CODE.

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| --- | --- |
| In the Browser  (e.g. Chrome) | Show the following: main page with table displaying correctly at desktop device size  CSS columns displaying correctly at desktop size  Google DevTools Device Emulator shows site with table at **phone** device size  successful validation of main HTML page in W3C HTML validator  successful validation of *lht\_tables.css* file in W3C CSS validator  successful validation of *lht\_columns.css* file in W3C CSS validator |
| In Code  (e.g. NotePad++) | Show the following in main HTML page: meta tag to set the viewport width for use with mobile devices  basic table structure in code with table tags  table cells with table data and headings  table caption  table row/column groupings set correctly  proper indentation and code layout throughout Show the following in lht\_tables.css: media query for phone devices set correctly  media query for tablet/desktop devices set correctly  table text, background, & border styling  table row/column styling set correctly in CSS  table caption styling  proper indentation and code layout throughout Show the following in lht\_columns.css: CSS column styles  proper indentation and code layout throughout |