Assignment 4 - Week 3

LECTURE 4 EXERCISES

**Creating a Style Sheet for the Student Clubs and Events Website**

You and several of your classmates have decided to help increase student involvement in school clubs and events by creating a website to promote awareness about the various activities.

You have already started creating the HTML pages in previous exercises. You now need to create a style sheet to format the website.

Instructions:

1.      Download and unzip “Practical Assignment\_Files.zip” file available on Moodle

2.      Open the “template.html” file and update the nav element to use an unordered list instead of a paragraph element for the links. Wrap each anchor within a list item. Remove any special characters used between navigation links. Make the same change to all HTML files used within your website.

3.      Create a style sheet for your website and save it within your CSS subfolder. Add a comment at the top of the style sheet that includes your name, the current date, and the name of file.

4.      Add a CSS reset style rule as the first style rule in the style sheet. Include a comment above the style rule to note its purpose. You should include all major selectors used within your website for your CSS reset.

5.      Update your HTML files and style sheet to make responsive images. This includes removing height and width attributes from image elements and creating a style rule that sets a max width to 100%. Also display image elements as a block.

6.      Link all of your webpages to your style sheet. Nest the link element within the head element, below the meta element.

7.      In your style sheet, create a minimum of 12 style rules.

·         Style the nav to remove the bullet marker.

·         Remove the underline from all links.

·         Specify at least one font-family declaration and include fallback values. (more about font fallback values: [https://css-tricks.com/css-basics-fallback-font-stacks-robust-web-typography/](http://webvpn.njit.edu.cn/https/77726476706e69737468656265737421f3e452d133226153751bc7af9758/css-basics-fallback-font-stacks-robust-web-typography/))

·         Include at least one id and one class selector.

·         Use a high color contrast to ensure content is readable.

·         Include comments to note where styles rules for header, nav, main, and footer begin.

8.      Validate your style sheet (Using W3C CSS Validation Service) and correct any errors.

9.      Review all pages within your website to ensure they appear as intended.

RESEARCH TASK

CAREFULLY STUDY THE BELOW LINKS:

·        CSS Introduction: [https://www.w3schools.com/css/css\_intro.asp](http://webvpn.njit.edu.cn/https/77726476706e69737468656265737421e7e056d230637b53760786a08b1b203ac9/css/css_intro.asp)

·        CSS Syntax: [https://www.w3schools.com/css/css\_syntax.asp](http://webvpn.njit.edu.cn/https/77726476706e69737468656265737421e7e056d230637b53760786a08b1b203ac9/css/css_syntax.asp)

·        External/Internal/Inline CSS: [https://www.w3schools.com/css/css\_howto.asp](http://webvpn.njit.edu.cn/https/77726476706e69737468656265737421e7e056d230637b53760786a08b1b203ac9/css/css_howto.asp)

·        CSS Selectors: [https://www.w3schools.com/css/css\_selectors.asp](http://webvpn.njit.edu.cn/https/77726476706e69737468656265737421e7e056d230637b53760786a08b1b203ac9/css/css_selectors.asp)

·        CSS Box Model: [https://www.w3schools.com/css/css\_boxmodel.asp](http://webvpn.njit.edu.cn/https/77726476706e69737468656265737421e7e056d230637b53760786a08b1b203ac9/css/css_boxmodel.asp)

·        CSS Background & Colors:

o   [https://www.w3schools.com/css/css\_colors.asp](http://webvpn.njit.edu.cn/https/77726476706e69737468656265737421e7e056d230637b53760786a08b1b203ac9/css/css_colors.asp)

o   [https://www.w3schools.com/css/css\_background.asp](http://webvpn.njit.edu.cn/https/77726476706e69737468656265737421e7e056d230637b53760786a08b1b203ac9/css/css_background.asp)

·        CSS Text & Fonts

o   [https://www.w3schools.com/css/css\_text.asp](http://webvpn.njit.edu.cn/https/77726476706e69737468656265737421e7e056d230637b53760786a08b1b203ac9/css/css_text.asp)

o   [https://www.w3schools.com/css/css\_font.asp](http://webvpn.njit.edu.cn/https/77726476706e69737468656265737421e7e056d230637b53760786a08b1b203ac9/css/css_font.asp)

·        CSS Links: [https://www.w3schools.com/css/css\_link.asp](http://webvpn.njit.edu.cn/https/77726476706e69737468656265737421e7e056d230637b53760786a08b1b203ac9/css/css_link.asp)

CSS Lists: [https://www.w3schools.com/css/css\_list.asp](http://webvpn.njit.edu.cn/https/77726476706e69737468656265737421e7e056d230637b53760786a08b1b203ac9/css/css_list.asp)

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|  | [Practical Assignment\_Files.zip](http://webvpn.njit.edu.cn/https/77726476706e69737468656265737421fdf84e982b35265e74019de29d51367bb0a2/moodle/pluginfile.php/9473/mod_assign/introattachment/0/Practical%20Assignment_Files.zip?forcedownload=1)  10 April 2022, 9:31 PM |