Fall 2022 CIS 525

HW 4, Adding CSS - Part 2 (HTML & CSS) with Notepad++
In this homework, you will be using a more "powerful" text editor / programming environment:
 notepad++ (Windows) for TextMate or BBEdit (Mac)

Continue developing the same basic HTML website you created for HW3. (If you prefer, you can start new website, but it needs to have all of the requirements from HW3)

Watch this video first before starting.

Downloading and using Notepad++:

    A.   https://www.youtube.com/watch?v=oQbCbTg2EfM (intro 8 min, navigating Notepad++)
    B.   **https://www.youtube.com/watch?v=b9dYFB2swZs** (in depth, 38 min, creating simple website using notepad++ with HTML)

Using CSS in notepad++:
    C.   **https://www.youtube.com/watch?v=nxb3smCSDEI (intro 24 min, using CSS file)**

CSS advanced: (see section 2,3,8) (though not using notepad++, sec 3 shows utilizes rounded and hover)
    D.   **https://www.youtube.com/watch?v=G3e-cpL7ofc**

<u>Check list:</u>

1. Implement color with three types: Name, RGB, and Hexadecimal (optional opacity – 4th parameter)
2. Include three different ways to access CSS selectors (by Class, HTML tag, and ID)
3. Include use of different box model styles: (padding, margin, border, etc.) – demonstrate difference in screen shot.
4. Include all the three different types of CSS (inline, embedded (head), and external - separate css file). Though separate is the preferred – you are just practicing the three different types. (Show screen shots of each)
5. Prove CSS overriding property. Include screenshot. External File -> (top to down, unless ID), Head same file, inline style
6. Include CSS comments. /* ….. */ and //
7. View in different layouts- half screen size. – document issues.
8. Include an example of Block vs Inline and override the default HTML with CSS (changing a normal block to inline and inline to block)
9. Include the overflow property and demonstrate good examples of each.
10. Use the Font property and show example of font precedence. (for example: if Comic Sans was not on local device)
11. Make your hyperlinks into buttons instead of text and implement both hover and rounded edges (see sec 3 from video D)
12. Check using the CSS validator. Paste the report. Fix the Errors but you can ignore the warnings. https://jigsaw.w3.org/css-validator/
13. Optional: Implement the Zebra or stripped rows/columns formatting by using CSS nth-child (will need to implement in later hw)

Documentation:
Submit assignment to Canvas (Assignment 4) as Word or PDF and include the following:
Student Name and Section Number:
Website Files: Zip up: HTML pages / CSS (should be a separate folder CSS and Images files (optional for HTML))
Website Summary (What type of website, why did you choose, short summary about website) around 100 – 200 words:
Website Navigation: Use any software to show your hierarchal website navigation with thumbnail image of each page, including folders
Website Issues (How did you resolve) around (100 – 200 words) – for example in half-screen view – did you page still look as expected? If not, how did you resolve?
Future Plans to implement (100 – 200 words):
Homework Summary: (100 – 200 words): learning topics from this lab or other summary comments. How important is CSS? It is difficult to use compared to HTML?
You will be submitting two files: A documentation file and a website zipped file:
Name the files something useful such as: HW4_YourName

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