Assignment 3 [20 marks]

Due: Sunday, March 6, 2022 @ 23:59

Note: This is an individual Assignment.

Objective: Practice writing HTML. Publish webpages to Matrix account.

Specification:

For Assignment 3, you are provided a website template. You need to complete 8 HTML pages regarding the following instruction. Then publish your HTML pages and related files to Matrix server.

Matrix:

Everybody is assigned a Matrix account which is available on blackboard-> my grade->UserId:password,

Where User, e.g., bti225 221a01 is your Matrix account.

The part after colon (:) is your password.

Host: matrix.senecacollege.ca

Browser (url): matrix.senecacollege.ca/~bti225_221a01 (replace bti225_221a01 with your own account)

Use this Matrix account for this course work, not your existing matrix or other account. This Matrix account is temporary only for this course, for this semester, and will be closed when this semester finishes. Also, I will access this account to check your work. Please do not put anything there that you don't want me to see. ©

You can use SSH client, Putty, to access your Matrix account. Use SSH, WinSCP, FileZilla to transfer your files to matrix server.

I created videos to demo the steps to use SSH client to access Matrix and FileZilla to transfer files from your local computer to Matrix account. If you use other software, the main thing would be to make sure you have input the right host (matrix.senecacollege.ca) and the user and password that are available on blackboard. The videos are available on blackboard -> weekly modules-> week5.

• Webpages:

Update HTML for each of the following pages according to the comments on the html files, instructions and screenshots below. To begin, download the <u>a3.zip</u> file from Blackboard, which provides the structure for your Assignment 3.

Unzip the files somewhere on your local machine. When you're ready to begin editing the files, open the uncompressed folder (a3) in <u>Visual Studio Code</u> using "Open Folder". Open and edit each of the following HTML files. You may test your html files in any modern browser (Chrome, Firefox, Safari, Edge, etc).

Note: After complete the assignment, transfer all the files and the existing file structure to your Matrix account under the folder (public_html), e.g., folders css and media will be under the folder public_html. i.e., public_html/css.

IMPORTANT: you need VPN to access matrix using SSH. VPN information is available at: https://employees.senecacollege.ca/spaces/77/it-services/wiki/view/3716/vpn

"Assignments Home" - index.html:

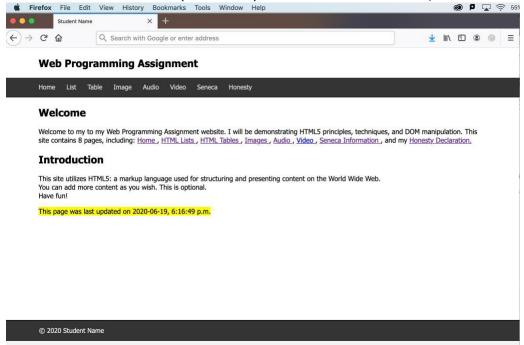
Important:

Save this index.html on your Matrix account folder: public_html.

This is your homepage by default, which will be automatically opened with the url:

matrix.senecacollege.ca/~bti225_221a01 (replace bti225_221a01 with your own account)

Open file *index.html* using Visual Studio Code. Go through the whole file. Edit the file referring to the comment in the file (*index.html*) and the instruction below, and the following screenshot.



- 2. Replace all the occurrences of "Student name" with your name.

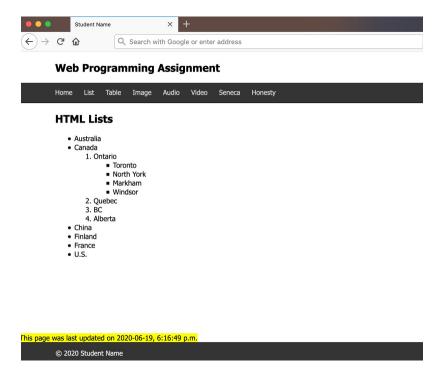
 Text "Welcome" and "Introduction" is in heading 2.

 The rest texts are paragraphs (e.g., "Welcome to ..." and "This site utilizes...").
- **3.** Display the "welcome" and "introduction" content as paragraphs. Refer to the screenshot.

<u>Make the text (e.g., Home, HTML Lists, HTML Tables, Image, Audio, Video, Seneca Information</u>, and <u>Honesty Declaration</u>) as **relevant links** to the **8 pages** (e.g., index.html, list.html, table.html, and so on). User can click the text to navigate to the corresponding page.

"HTML Lists" - list.html:

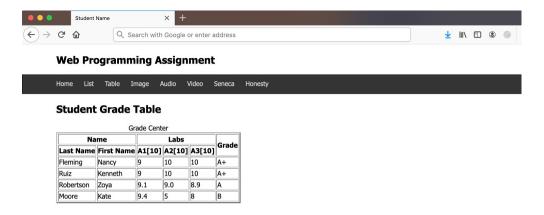
Open file *list.html* using Visual Studio Code. Go through the whole file. Edit the file referring to the comment in the file (*list.html*), the instruction below, and the following screenshot.



- 1. Complete the top navigation menu links.
- **2.** Replace all the occurrences of "Student name" with your name. Text "HTML Lists" is in heading 2 .
- **3.** The list is nested unordered, ordered, and unordered lists. Refer to the above screenshot.

"HTML Tables" - table.html:

Open file *table.html* using Visual Studio Code. Go through the whole file. Edit the file referring to the comment in the file (*table.html*), the instruction below, and the following screenshot.

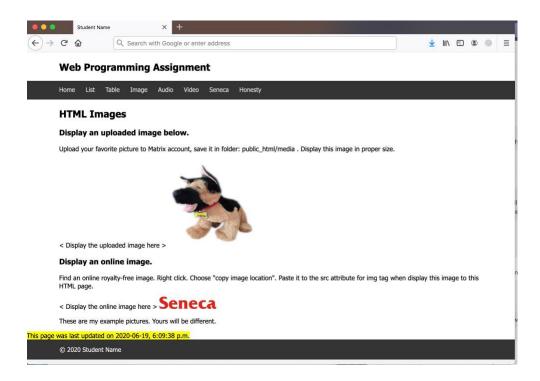




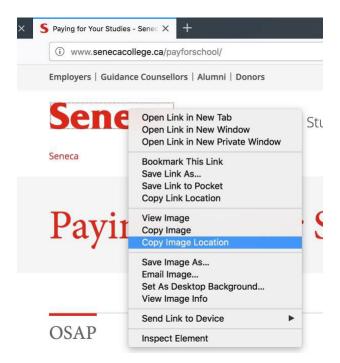
- 1. Complete the top navigation menu links.
- **2.** Replace all the occurrences of "Student name" with your name. Text "Student Grade Table" is in heading 2.
- **3.** Text "Grade Center" is the caption for the table.
- **4.** Define the table as the above screenshot.

"HTML Images" - image.html:

Open file *image.html* using Visual Studio Code. Go through the whole file. Edit the file referring to the comment in the file (*image.html*). Display two images as the instruction in the following screenshot.



Screenshot to get the online image location using Firefox. Right click on the image, choose "Copy Image Location".



- 1. Complete the top navigation menu links.
- **2.** Replace all the occurrences of "Student name" with your name.

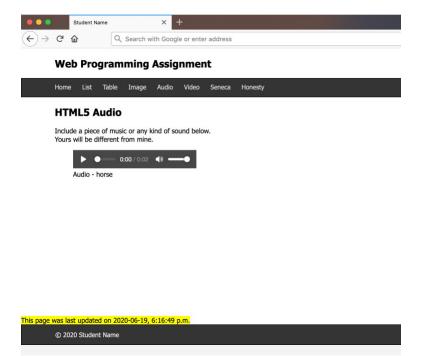
Text "HTML Images" is in heading 2.

Text "Display an uploaded image below." & "Display an online image." are in heading 3. Other text is in paragraph.

3. Display the two images as instructed.

"HTML5 Audio" - audio.html:

Open file *audio.html* using Visual Studio Code. Go through the whole file. Edit the file referring to the comment in the file (*audio.html*). Include a piece of music or any kind of sound as the following screenshot.



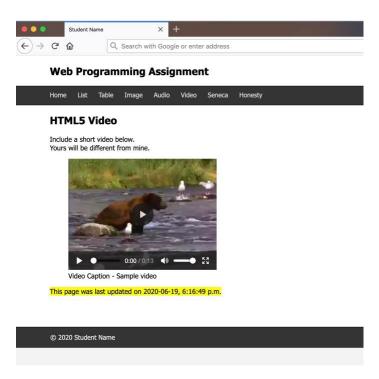
- 1. Complete the top navigation menu links.
- **2.** Replace all the occurrences of "Student name" with your name. Text "HTM5 Audio" is in heading 2.

Text "Include a piece of music...." is a paragraph.

3. Display the audio with figure caption.

"HTML5 Video" - video.html:

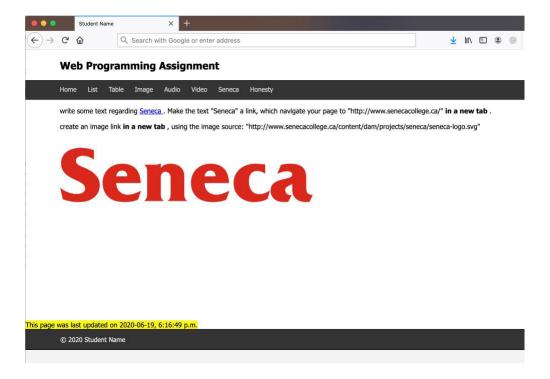
Open file *video.html* using Visual Studio Code. Go through the whole file. Edit the file referring to the comment in the file (*video.html*). Include a short video as the following screenshot.



- 1. Complete the top navigation menu links.
- Replace all the occurrences of "Student name" with your name.
 Text "HTM5 Video" is in heading 2.
 Text "Include a short video below." is a paragraph.
- 3. Display the video with figure caption.

Update the "Seneca College" page (Seneca.html):

Open file *seneca.html* using Visual Studio Code. Go through the whole file. Edit the file referring to the comment in the file (*seneca.html*). Include two navigation links as instruction in the following screenshot.



- 1. Complete the top navigation menu links.
- **2.** Replace all the occurrences of "Student name" with your name. The regular text "write some text regarding..." is a paragraph.
- **3.** Display the text link (Seneca) and the image link (Seneca Logo) as instructed on the screenshot.

"Honesty Statement" - honesty.html:

Update the "Honesty Statement" page with the following:

Declaration:

Student ID:

I declare that this assignment is my own work in accordance with Seneca Academic Policy. No part of this assignment has been copied manually or electronically from any othersource (including web sites) or distributed to other students.

Name:

Other Requirements.

- All tags/attributes must be in **lower case.**
- Update title and footer with your name as instructed in the file comments.
- All of your html files **MUST not contain any errors** when tested using the W3C Markup Validation Service: https://validator.w3.org/.
- Warnings are OK. Errors need to be corrected. Errors relating to CSS can be ignored for now and be taken care later (e.g., the border attribute on the table element is obsolete. Use CSS instead.)
- Include the following timestamp at the bottom of each page as commented on html file.
 It will show the time the page was last modified. Do not update your files after the due date if they are complete because that will change the timestamp and may be considered late.

```
<mark>
<script>
    var dt=new Date(document.lastModified);
    document.write('This page was last updated on
    '+dt.toLocaleString());
</script>
</mark>
```

Submission:

You do not need explicitly submit the work. Leave it on Matrix account, which will be checked after due date. **DO NOT need to email me or submit to blackboard**.

Late submission:

10% penalty of the assignment each day, up to 5 school days. It will not be accepted after 5 school days late and will be marked zero for this assignment.