BTI225 Assignment 3 [50 marks]

Due: Tuesday, Feb 25, 2020 @ 23:59

Note: This is an individual Assignment.

Objective: Practice writing HTML. Publish webpages to Matrix account.
[need the last modified next version]

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 UserId, e.g., bti225_201a01 is your Matrix account,
The part after colon (:) is your password.
Host: matrix.senecacollege.ca
Browser (url): matrix.senecacollege.ca/~bti225_201a01
(replace bti225_201a01 with your own account)

From now on, you are going to 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 your Matrix 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 (for mac) for file transfer.

I created a video to demo the steps to use SSH client to access Matrix and FileZilla to transfer files from your local computer to Matrix account. The videos are attached on blackboard.

- **Webpages:**

Update HTML for each of the following pages according to the instructions and screenshots below. To begin, download the a3.zip file from Blackboard, which provides the structure for your Assignment 3.
Un-compress the zip files somewhere on your local machine. When you're ready to begin editing the files, open the uncompressed folder (a3) in Visual Studio Code (https://code.visualstudio.com) using "Open Folder". Open and edit each of the following HTML file. You may test your html files in any modern browser (Chrome, Firefox, Safari, Internet Explorer, etc).

Note: all the unzipped files (except a3.pdf) will be transferred to your Matrix account under the folder (public_html) in the same structure (e.g., folders css and media will be under the folder public_html. i.e.,
public_html/css)

"Assignments Home" - index.html:
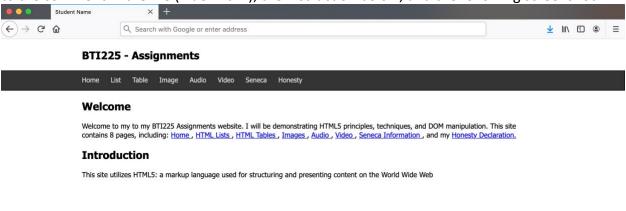
Important:

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_201a01

(replace bti225_201a01 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*), the instruction below, and the following screenshot.
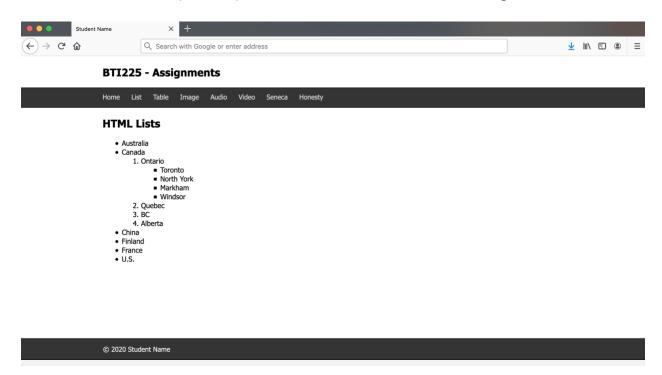

1. Replace all the occurrences of "Student name" with your name.   [1 mark]
2. Text "Welcome" and "Introduction" are in heading 2 (<h2>).   [1 mark]
3. The rest text are paragraphs (e.g., "Welcome to my BTI225…" and "This site utilizes…").
4. The paragraph of "Welcome" includes the following: "This site contains 8 pages, including: Home, HTML Lists, HTML Tables, "... and so on. The text (e.g., Home, HTML Lists, etc) are **relevant links** to the **8 pages** (e.g., index.html, list.html, table.html, and so on). [8 marks]
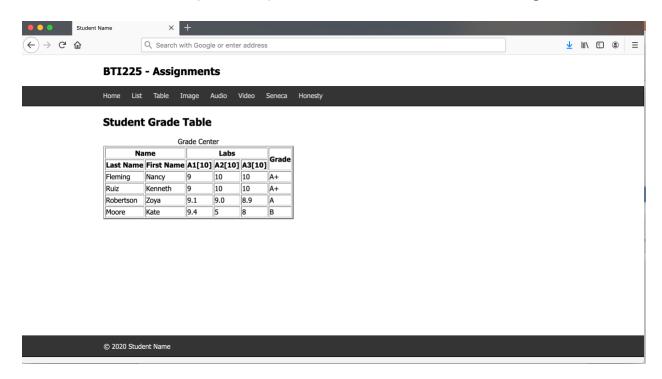
"HTML Lists" - list.html:

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. Replace all the occurrences of "Student name" with your name.   [1 mark]
2. Text "HTML Lists" are in heading 2 (<h2>).   [1 mark]
3. The list is nested unordered, ordered, and unordered lists. Refer to the above screenshot.   [5 marks]
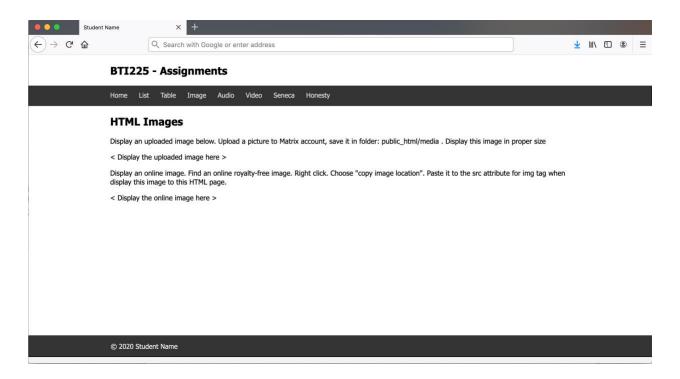
"HTML Tables" - table.html:

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.
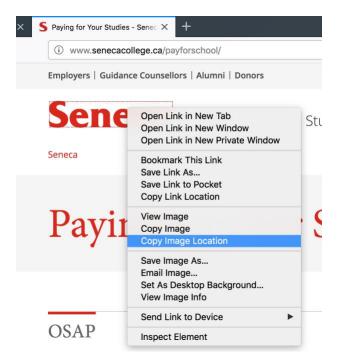

1. Replace all the occurrences of "Student name" with your name. [1 mark]
2. Text "Student Grade Table" are in heading 2 (<h2>). [1 mark]
3. Text "Grade Center" is the caption for the table. [1 mark]
4. Define the table as the above screenshot. [5 marks]

"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.
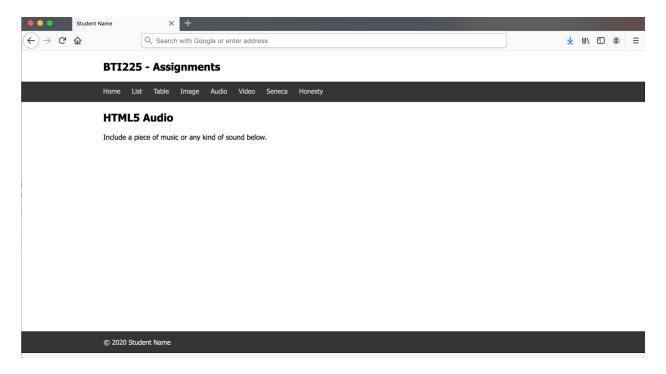
Screenshot to get the online image location using Firefox. Right click on the image, choose "Copy Image Location".
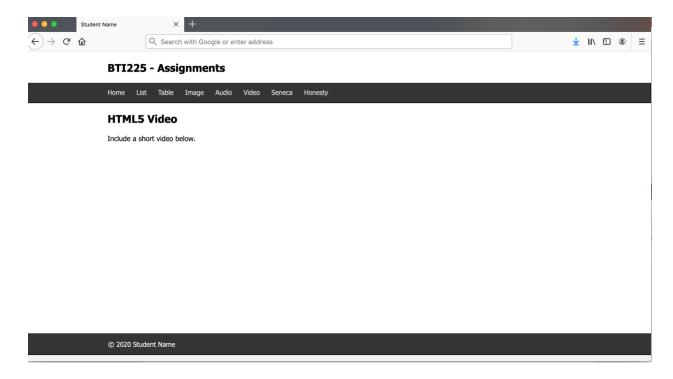
"HTML5 Audio" - audio.html:

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.
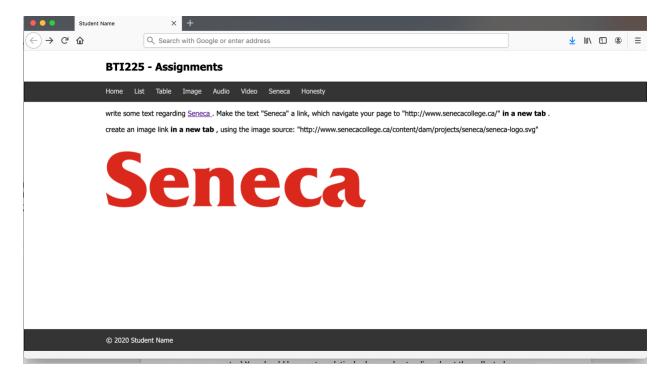
"HTML5 Video" - video.html:

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.

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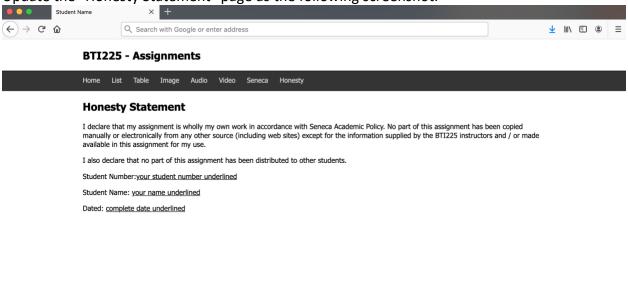
Open file *seneca.html* using Visual Studio Code. Go through the whole file. Edit the file referring to the comment in the file (*seneca.html*). Include two navigation links as instruction in the following screenshot.

"Honesty Statement" - honesty.html:

Update the "Honesty Statement" page as the following screenshot.

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Home   List   Table   Image   Audio   Video   Seneca   Honesty

Honesty Statement

I declare that my assignment is wholly my own work in accordance with Seneca Academic Policy. No part of this assignment has been copied manually or electronically from any other source (including web sites) except for the information supplied by the BTI225 instructors and / or made available in this assignment for my use.

I also declare that no part of this assignment has been distributed to other students.

Student Number:your student number underlined

Student Name: your name underlined

Dated: complete date underlined

© 2020 Student 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.)

Evaluation summary:
1. Proper file structure on Matrix   [1 mark]
2. Index.html-
    a. your name (title, footer)   [1 mark]
    b. Text "Welcome" and "Introduction" are in heading 2 (<h2>). [1 mark]
    c. 8 links to Home, List, etc.   [8 marks]
3. List.html –
    a. Replace all the occurrences of "Student name" with your name.   [1 mark]
    b. Text "HTML Lists" are in heading 2 (<h2>).   [1 mark]
    c. The list is nested unordered, ordered, and unordered lists. Refer to the above screenshot.   [5 marks]
4. Table.html –
    a. Replace all the occurrences of "Student name" with your name.   [1 mark]
    b. Text "Student Grade Table" are in heading 2 (<h2>). [1 mark]
    c. Text "Grade Center" is the caption for the table.   [1 mark]
    d. Define the table as the above screenshot.   [5 marks]
5. Image.html
    a. Display downloaded image.   [3 marks]
    b. Display online image.   [3 marks]
6. Audio.html   [3 marks]
7. Video.html   [3 marks]
8. Seneca.html
    Seneca text link   [3 marks]
    Seneca image link   [5 marks]
9. Honest.html   [1 mark]
10. Validation. – no error   [2 marks]
11. General HTML structure OK   [1 mark]
12. Total: [50 marks]

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.