

WEB222 Test 6

[15 marks]

This test will be **available: Friday March 11, 2022, @8:00am to Saturday March 12, 2022, @8:00am.**

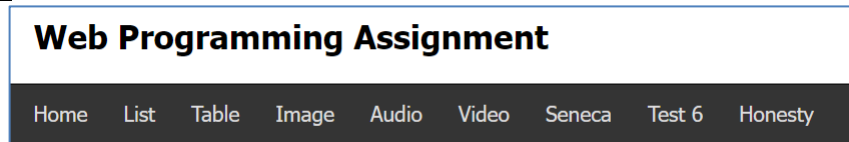
Time limit: same as the availability.

It is an open-resource test. You can refer to course materials on blackboard, or internet. However, you CANNOT communicate with others. It is an INDIVIDUAL test. You need to work on your own and should not discuss it with others, or copy from others, or distribute your work to others.

Instructions:

You are going to create an HTML5 document and an external JavaScript file for DOM practice. They will be uploaded to your matrix account and “linked” to your **assignment 3**. Refer to screenshot #0. **[1 mark]**

Screenshot #0:



Note: If your assignment 3 is not ready on matrix, you can rename **test6.html** to **index.html** and save it under the folder **\public** on matrix. You can refer to week5 videos regarding how to upload/transfer files to your matrix account.

Test your work on browser Chrome, Firefox, or Edge.

Matrix:

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

Where User, e.g., web222_221a01 is your Matrix account. The part after colon (:) is your password.

Host: matrix.senecacollege.ca

Browser (url): matrix.senecacollege.ca/~web222_221a01 (replace web222_221a01 with your own account)

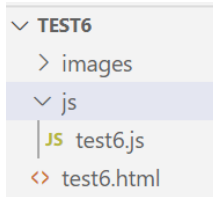
Specifications:

1. You can start working locally and upload the work (content in folder: **test6**) to matrix account, under folder **\public**. When user open the browser with the following url
matrix.senecacollege.ca/~web222_221a01 (replace web222_221a01 with your own account)
user sees the above **Screenshot #0**. Then user clicks the menu **Test 6**, user will see screenshots #2 and the followings.
2. Create a folder name it “**test6**” (e.g., locally).
3. Create an HTML5 document, name it “**test6.html**” and store it under the folder “**test6**”.
4. Create a subfolder “**images**” under folder “**test6**”. Download the image “**logo.gif**” from

Blackboard and save it under the folder “images”.

5. Create a subfolder “js” under folder “test6”. You are going to create a JavaScript file **test6.js** and save it under the folder “js”.
6. Then the file structure will be like screenshot #1.

Screenshot #1:



7. Create “**test6.html**” as screenshot #2 below.

[2 marks]

Specifications:

- (1) This document (**test6.html**) has a title “Test6”.
- (2) Text “Declaration” is in heading 2.
- (3) Display the Declaration text “I declare...” as paragraph.
- (4) Display text “Name:” and “Student Number:” in bold.
- (5) Replace text “(your name)” with your real full name and “your student number” with your real student number. Both are displayed with underline as the screenshot.
- (6) Display the horizontal line
- (7) Text “Test 6 – Practice with DOM” is in heading 3.
- (8) “Add Image” is a button.
- (9) Text:
Every time user clicks the button "Add Image", a Seneca Logo will be added here.
Is plain text under <div> block.
- (10) “Add Table” is a button.
- (11) Text:
Every time user clicks the button "Add Table", a table will be added here
Is plain text under <div> block.
- (12) “Congrats” is a button.

Text:

This text will be changed to "Congrats", when user clicks the button "Congrats".

Is in header 3.

Screenshot #2:**Declaration:**

I declare that this test is my own work in accordance with Seneca Academic Policy. No part of this work has been copied manually or electronically from any other source (including 3rd party web sites) or distributed to other students. I acknowledge that by beginning this test, I will abide by the above.

Name: (your name) Student Number: (your student number)

Test 6 - Practice with DOM

Add Image

Every time user clicks the button "Add Image", a Seneca Logo will be added here.

Add Table

Every time user clicks the button "Add Table", a table will be added here.

Congrats

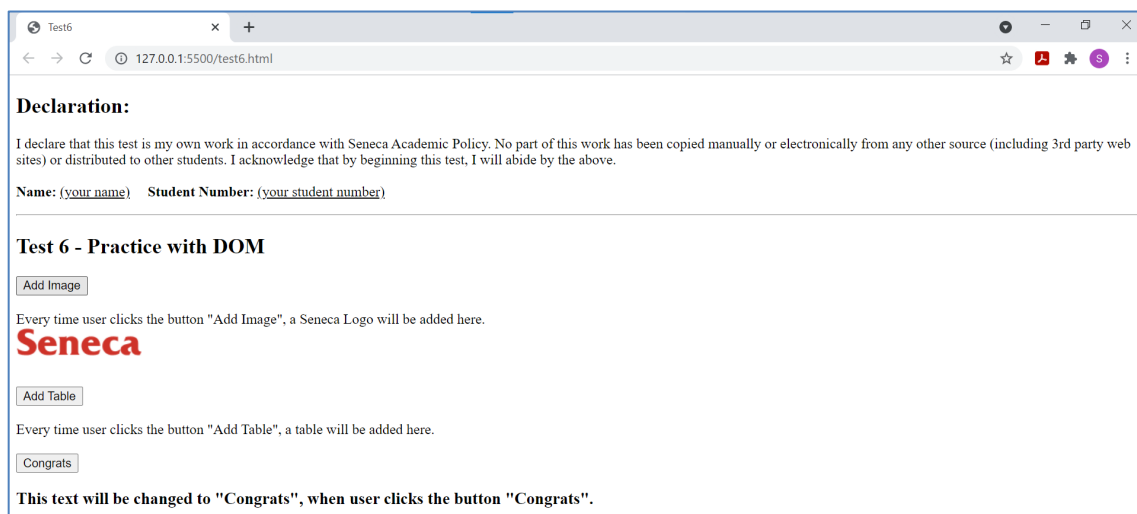
This text will be changed to "Congrats", when user clicks the button "Congrats".

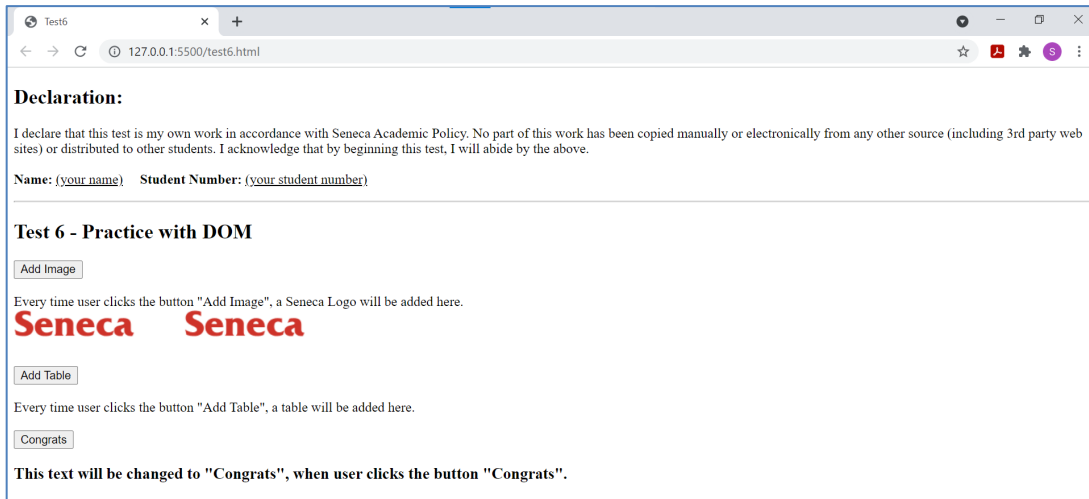
8. In “test6.html”, you need to properly include “test6.js” to implement the following functionalities.

- (1) If user clicks button “Add Image”, it will display Seneca Logo as Screenshot #3.

If user clicks button “Add Image” another time, it will add another image of Seneca Logo as Screenshot #4.

[4 marks]

Screenshot #3:

Screenshot #4:

(2) If user clicks button "Add Table", it will display a table as Screenshot #5.

If user clicks button "Add Table" another time, it will add another table as Screenshot #6.
[5 marks]

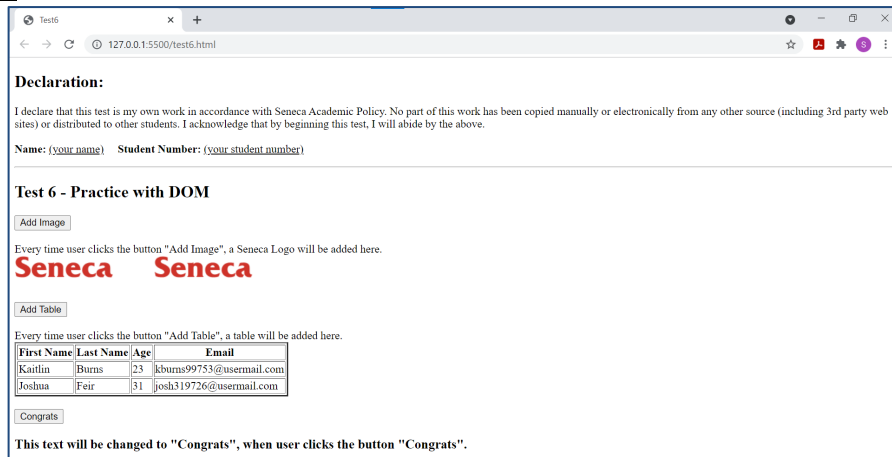
Implement the table header as Screenshot #5, border 2 pixels.

The content of the table is from the array users as follows:

[note: email can be displayed as text. Do NOT need to make it as email link.]

```
var users = [
  {first_name: "Kaitlin", last_name: "Burns",
    age: 23, email: "kburns99753@usermail.com"},
  {first_name: "Joshua", last_name: "Feir",
    age: 31, email: "josh319726@usermail.com"},
];
```

Your code must work for any number of users in the users array (only 2 is given as a sample) i.e., user data should be accessed in the users array in a loop.

Screenshot #5:

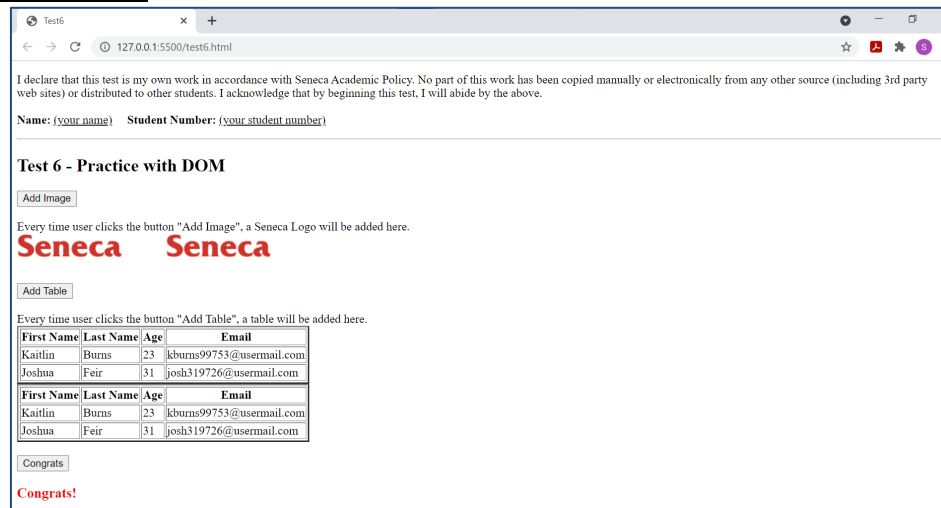
Screenshot #6:

(3) If user clicks button “Congrats”, it will replace the text. [2 marks]

This text will be changed to "Congrats", when user clicks the button "Congrats".

To “Congrats” in red color as Screenshot #7.

Note, if user clicks button “Congrats” another time, it will NOT add multiple text, it will display “Congrats” only one time as screenshot #7.

Screenshot #7:

8. Display timestamp at the bottom of “**test6.html**”. Copy the following code and paste it at the bottom of **test6.html** before closing body tag </body>. It will show the time the page was last modified, which will be the proof of your test6 submission time. Do not update (change and save) your files after the due date because that will change the timestamp and may be considered late. **[1 mark]**

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

    </script>
</mark>
```

Note: missing this “lastmodified” timestamp may lead your work to be considered late or be marked as zero.

Submission:

Make sure you set enough time to upload your files to matrix. Leave your work on your Matrix account, which will be checked after due date. DO NOT need to email me or submit to blackboard.