SYST24444 Assignment#1

This assignment will be used to test your knowledge of JavaScript, Local Storage and simple JSON retrieval. Follow all details carefully and be sure to follow instructions for submitting your work.

Create a mobile web site (Note: Create a new folder to hold all your files/folders). You will need to include:
- o **index.html**
    - Be sure you have a viewport META tag
    - Include your login name-student number in the <title> tags
- o A folder to hold other HTML pages (ex. pages or other)
- o A folder to hold stylesheet(s) (ex. css)
    - Your main stylesheet MUST be called yourUserName.css (ex. doejane.css) and must be linked in the index.html file.
    - It is your choice what to name any other stylesheets (for example, you may have a separate stylesheet for the 2nd page of this assignment).
- o A folder to hold your script files (ex. js or scripts)
    - Your main script file MUST be called yourLoginName.js (ex. doejane.js) and must be linked in index.html
    - It is your choice what to name the .js file for the 2nd page if you use a separate file

Script setup (yourLoginName.js) and start-up:
- o Include an onload in your <body> tag to call a function for start-up

Layout of the Website should include the following :
- o Header Section:
    - Fall 2022 Assignment #1 for Your Full Name from Your Home Country (Template literals should be used to display this string)
    - MUST include some formatting for header area (your choice); CSS or JS can be used
- o Footer section:
    - My Login: Your Login Name / My ID: Your ID / My Program: Your Program
    - Template Literal MUST be used to build output string.

- Labels before data MUST be included
- MUST include some formatting for footer area (your choice); CSS or JS can be used

CONTENT:

Create a website for online movie ticket booking.

1. Following fields are required for booking the tickets.
   a. Name of the city a person lives in (dropdown).
   b. Location of the movie theatre in the particular city (radio button).
   c. Display the list of movies that are currently running in the movie theatre (dropdown).
   d. Date when the user wants to book the movie. (https://www.w3schools.com/tags/tryit.asp?filename=tryhtml5_input_type_date)
   e. Number of tickets the user wants to book with an option of increment or decrement. Make sure that the user doesn't have negative value, if it has negative value, then you should change the the background color of Number of Tickets and total Amount to red. (**use querySelectorAll**) (https://www.w3schools.com/jsref/tryit.asp?filename=tryjsref_number_stepup).
   f. List of show Times. (use **document.getElementByClass** to change the background color of the show selected)
   g. First name and last name of the user
   h. Email address and Gender
   i. Age. (Don't allow the user under 20 to book the ticket). Use **QuerySelector** to change the backgroundColor to red in order to show the error
   j. Total Amount to be paid box: showing the amount to be paid. Please **create a new class** and a **method** that performs that action. The call should be made when the user chooses the number of ticket he/she wants to book.

k. Submit button. On button press should go to the next page showing "Transaction successful" and displaying all the details saved in the local storage.(i.e. First Name, Last Name, City, Age and Email along with their labels)

l. The new page should also have a back button to go back to the previous page.

m. Please make sure if not all elements have been filled, on button click of submit it should

Rules:

1. Key thing to mention, please make sure you make use of LocalStorage to store the information of (First Name, Last Name, City, Age and Email)

2. The field that the user is filling should be highlighted to show the active cell.

3. Make use of appropriate JavaScript statements taught in class (you'll be graded accordingly).

4. Make use of Grids and Mediaqueries to make the application mobile friendly.

5. The website shouldn't have basic colors and should look and feel professional.

6. Design Aspects: (for Desktop and Tablet view)

- Points a and b should be in same row
- Points c, d and e should be in same row (For tablet view design accordingly if it becomes too clumsy)
- Point f should cover the entire row with available times and select one of the times (using grids will be handy).
- Point g should have both first name and last name on the same row.
- Point h and i should be on same row. (For tablet view design accordingly if it becomes too clumsy)
- Total amount should be shown on a new row.
- Submit button should be aligned in the center and should make sure all the elements are stored in the LocalStorage.

7. For mobile view everything should be in new line so that it doesn't look clumsy. (make proper use of grids for that.)

Grading View:

- o I will be using the Chrome Toggle Device Bar for Galaxy S20 Ultra in Landscape mode when viewing your site, Desktop view as well as Tablet view.
- o REMEMBER, this must be in a mobile layout; too much scrolling or whitespace will reduce your mark

Submission Details for SLATE Drop Box:

- o ZIP your entire site folder; name of zip should be yourLoginName.zip
- o Publish your site to cPanel and include the URL DIRECTLY to your site in the Comment section of the Drop Box

- o **Some things to remember:**
  - DO NOT wait until the last minute to complete this assignment; debugging and publishing can take time
  - DO NOT change the site on cPanel once you have submitted and the Drop Box closes. I will run a JS Script to see when the last time the cPanel link was updated. If past the Due Date, late marks will apply even if submitted on time in the SLATE Drop Box
  - You can submit as many times as you need to until the Drop Box closes. I will grade the last one
  - You have 3 days after the Due Date to submit with 10% off per day. After 3 days, the assignment will no longer be accepted
  - NOT PUBLISHING results in 5 marks off automatically
  - NOT MOBILE results in 2 marks off automatically (minimal scrolling)
  - Each assignment MUST be done individually. I will be checking the HTML and Script for copying; see the Academic Procedure for Evaluations in SLATE / Module 01

Grading Rubic

Setup, Site structure and Header and Footer / Main page including JSON retrieval, local storage, formatting, layout and output build	2
Main page setup including mobile layout, formatting, JS concepts where specified and local storage Checklist: • Must be in a mobile layout and designed with minimal scrolling and minimal white space / -2 marks if not mobile or too much white space • Template Literal MUST be used where indicated • JS concepts MUST be used where indicated • Formatting MUST be included where indicated	6
Second page mobile layout, formatting as specified, local storage used, and a Back button included	2
If site is not published, 5 marks will be deducted automatically. Documentation is included in SLATE	-5
If site is not mobile, 2 marks will be deducted automatically / Both pages must fit in mobile space with minimal scrolling	-2