Assignment 1: Due Sunday June 7 @ 11:59 PM.

Cheating and Plagiarism

Each student must be aware of College's policy regarding cheating and plagiarism. The policy relating to academic dishonesty, as outlined in the Student's Rights and Responsibilities, Code of Conduct and Procedures, and will be fully enforced.

Please, read this paper till the end before writing any code.

The grades are related to

1. Features correctly displayed by the running program, and
2. correctly working and correctly implemented program functionalities, but volumes of typed code are irrelevant.
3. Browser should not print warnings or errors into the console related to your code. In cases when the browser prints error or warnings messages into the console, the grade is reduced, even if everything looks and works correctly.
4. Create a folder with yourfirstnameAssign1, i.e. johnAssign1.
5. The folder should have the following organization:
   1. index.html
   2. css folder that includes main.css file
   3. js folder that includes your main.js script file
   4. images folder to hold any images needed for the exercise
   5. The project should correctly work on case-sensitive and case-insensitive file systems.
   6. Use jQuery in this Assignment (not plain JavaScript only, not Angular).
   7. Enter YOUR NAME in the <title> tags **AND your name and student number as a comment at the top of all the files**.
   8. The project contains two pages "index.html" (used to input data), and "summary.html".
   9. **Header area** that includes Assignment 1 and Your Name ; This header must be on both pages.
   10. **Footer line that includes Your Full Name and Your Student Number.** These headers and footers must be on both pages.
   11. Both pages must include pictures of your choice (two different pictures). Pictures must be at top of page.
   12. Content area on the main entry page (**index.html**) will include inputs for customer entry for the following:
       1. Picture at top center.
       2. Form with the info below:
       3. Entry field (with labeling) for the Customer's name
       4. Entry field (with labeling) for the Customer's email.

5. Entry field (with labeling) for the width of the room in meter.
6. Entry field (with labeling) for the length of the room in meter.
7. Use selection, entry field (with labeling), so the customer can pick the colour they want to paint the room. Minimum of 5 colours.
8. Use radio buttons, so the user can decide whether they want standard paint ($ 24.99 per can) or premium paint ($ 39.99 per can)
9. A button to create a quote for the customer
10. Formatting, layout, colours, background, size, and labeling will all be considered in grading.
11. Use **validation to validate** no empty field (all fields are mandatory). Also validate correct email format. Also validate no negative numbers for width and length of room.
12. All data MUST be saved to local storage before calling the quote page and ES6 concepts used where applicable.

13. Content on the quote page (a separate page, **summary.html**) will include the following:
    1. Customer's contact information (name and email)
    2. Room area, based on length and width
    3. A coloured box showing the colour the customer picked
    4. The number of paint cans that will be needed to paint the room, each can cover approximately 4 sq. meter of wall space (rounded up)
    5. The final price for the number of cans based on which type of paint was selected plus 13% HST
    6. All information must be labeled and formatting, layout, colours, background, and size will all be considered in grading
    7. Data from the entry page MUST be pulled from local storage in order to fill in quote page and ES6 concepts used where applicable.

What to submit

1. Upload the project into cPanel. Same version must be submitted on cPanel and Slate. Application on cPanel must be functioning properly.
2. ZIP the entire exercise project folder and submit into the matching drop box on SLATE, also mention the link on cPanel.