Graded Assignment: Weeks 1-6

Assignment Task

Question 1 (10 points)
In this question, you will design an identity card for a student using HTML and CSS. The ID card should contain the following information: name, date of birth, photograph, address, mobile number, email ID, and department. First, the HTML page containing the details is to be created. Later, you will use various CSS selectors to style the elements, customize fonts, and add borders to enhance the visual appeal of the identity card.
The card should be visually appealing and organized, effectively using CSS selectors, font styling, and borders.

Follow the following steps to create the ID style for the ID card.
- Open the existing HTML file within the lab, **IDCard.html**.
- The HTML file should include the necessary structure (name, date of birth, photograph, address, mobile number, email ID, and department) for the identity card. Use the relevant HTML tags and create the structure. Use a placeholder for the photograph.
- Open the existing CSS file within the lab, **IDCard_styles.css**. This CSS file will be used to apply styles to the identity card elements.
- Open the IDCard.html and link your CSS file to your HTML file via a <link> element.
- Utilize CSS selectors to target specific elements and apply styling. Consider using element selectors, class selectors, and ID selectors as needed.
- Style the fonts to enhance readability and visual appeal. Experiment with different font families, sizes, and weights to find a suitable combination.
- Add borders to separate different sections of the identity card. Use appropriate border properties to create a well-defined and aesthetically pleasing layout.
- Ensure responsiveness and make the identity card look good on both desktop and mobile devices.

Question 1 requires two deliverables: The ID card HTML file and the corresponding CSS file.

Question 2 (10 points)
In this question, you will create a Student ID card Application form using **StudentApp.html**. The following fields should be part of the Application form:
- Name
- Date of birth
- Age
- Mobile number
- Email ID

Using Javascript file **StudentApp.js**, validate the above fields using the following validation rules on "onfocusout Event" for each field:
- Name

- o Rule: It should contain only alphabets [a–z], [A–Z], and space. It should not be blank
  - o Error: If it contains anything other than what is stated
- Date of birth
- Rule: It should accept input only in "dd/mm/yyyy format" and should not be blank
  - o Error: Any other format
- Age (read-only field)
  - o Rule: Calculate the age based on the value entered in the date of birth field
- Mobile number
  - o Rule: Should contain only numbers between [0–9], should not be blank, and cannot start with "0"
  - o Error: If it does not follow the rule, clear the field
- Email ID
  - o Rule: Should contain "@," should not begin with "@," and should end with ".com" or ".in"
  - o Error: If it does not follow the rule and clear the filed

The form will also have a submit button. At the click of the submit button, create a class to store all the fields in an object. Store the object details in a cookie.

Once the form is successfully submitted, navigate to the next page with a text field called "Mobile number" and a button called "retrieve cookie."

When the user enters the mobile number, the details should be retrieved from the cookie and displayed using an alert.