**Assignment-5**

**Question:**

Imagine you’re building a webpage for a local fitness center that offers various workout classes. They want to add some interactivity to improve the user experience. Use JavaScript to add the following functionalities:

1. Create a button labelled “Show Class Details.” When clicked, it should display (or hide) information about the classes offered, such as the types of classes and their schedule.
2. Add an input field where users can enter their name, and a button labelled “Join Class.” When clicked, display a message that greets the user by name, confirming their class sign-up.
3. Display the current date at the top of the page using JavaScript, automatically updating each time the page is loaded.
4. If the user hovers over any of the class names in the list, change the colour of the text to indicate it’s selected.

Write the JavaScript code to add this functionality to the HTML page. Use comments in your code to explain each section and how it contributes to the interactivity of the page.

For reference, links to helpful JavaScript resources are provided:

* MDN Web Docs - <https://developer.mozilla.org/en-US/docs/Learn/Getting_started_with_the_web/JavaScript_basics>
* W3Schools Js Basics - https://www.w3schools.com/js/