**Module -26 Assignment**

**Q1.) Explain the DOM and its role in Web development.**

**Q2.) Explain the concept of event delegation and provide a scenario where it is beneficial.**

**Q3.) Explain the concept of Event Bubbling in the DOM.**

**Q4.) Explain the purpose of the addEventListener method in JavaScript and how it facilitates event handling in the DOM.**

**Q5.) Create an HTML page with a button. Use JavaScript to display an alert when the button is clicked.**

**Q6.) Create a simple image carousel using HTML and JavaScript, Design a basic HTML structure with images,and use JavaScript to implement functionality that allows users to navigate through the images.**

* **Expected output -**

**Q7.) Build a dynamic dropdown menu using HTML and JavaScript. Create an HTML structure for a navigation menu with dropdowns. Use JavaScript to toggle the visibility of dropdowns when the user hovers over menu items.**

* **Expected output -**

**Q8. Create a simple dynamic shopping list with the following features**

**- The item should appear in the list.**

**- Each item should be given a button that can be pressed to delete that item off the list.**

**- The input should be emptied and focused ready for you to enter another item.**

* **Expected output -**