**Assignment: JavaScript Array**

Objective: store multiple pieces of data in an array and use JavaScript to display that data dynamically on the page.

**Instructions**

1. **Create an Array**  
   Create an array in JavaScript that stores multiple strings (e.g., names of their favorite animals, colors, or movies).
2. **Display the Array on the Page**  
   Using JavaScript, loop through the array and display each item in an unordered list (<ul>) on the page.
3. **Add New Items to the Array Dynamically**  
   Add an input field and a button to the page. When the user enters text into the field and clicks the button, it should:
   * Add the new item to the array.
   * Update the unordered list on the page to reflect the new item.