```
<!doctype html>
<html lang="en">
<head>
 <title>TO DOS List</title>
 <style>
   body {
      font-family: Arial, sans-serif;
      margin: 0;
      padding: 0;
     background-color: #f8f9fa;
    .container {
     background-color: white;
     border-radius: 10px;
     box-shadow: opx 4px 6px rgba(0, 0, 0, 0.1);
     padding: 20px;
     margin: 20px auto;
      max-width: 600px;
   h2 {
      text-align: center;
   label {
      display: block;
      margin-bottom: 5px;
      font-weight: bold;
    input[type="text"],
    textarea {
      width: 100%;
      padding: 10px;
      margin-bottom: 10px;
      border: 1px solid #ccc;
      border-radius: 5px;
```

```
button {
     background-color: #007bff;
      color: white;
     padding: 10px 20px;
     border: none;
     border-radius: 5px;
     cursor: pointer;
   table {
     width: 100%;
     border-collapse: collapse;
   th,
   td {
      padding: 8px;
     border-bottom: 1px solid #ddd;
   th {
     background-color: #f2f2f2;
      text-align: left;
   th:last-child,
   td:last-child {
     text-align: center;
 </style>
</head>
<body>
 <div class="container">
   <h2 class="text-center">TODOS List</h2>
   <div>
      <label for="title">Title</label>
      <input type="text" id="title">
   </div>
   <div>
      <label for="description">Description</label>
      <textarea id="description"></textarea>
   </div>
```

```
<button id="add">Add To List
 <button id="clear" onclick="clearStorage()">Clear List</button>
 <div id="items">
   <h2>Your Items</h2>
   <thead>
      SNo
        Item Title
        Item Description
        Actions
      </thead>
     1
        Get Some Coffee
        You Need Coffee As You Are A Coder
        <button>Delete</button>
      </div>
</div>
<!-- JavaScript code -->
<script>
 // Function to add a new item to the list
 function getAndUpdate() {
   // Collect data from input fields
   tit = document.getElementById('title').value;
   desc = document.getElementById('description').value;
   if (tit === "" || desc === "") {
    alert("Please enter both title and description.");
    return;
   }
```

```
// Function to reset input fields and placeholders
  function resetInputFields() {
    // Reset input field values after adding
    document.getElementById('title').value = "";
    document.getElementById('description').value = "";
    // Reset placeholders
    document.getElementById('title').placeholder = "";
    document.getElementById('description').placeholder = "";
  }
  // Retrieve stored items or initialize array
  if (localStorage.getItem('itemsJson') == null) {
    itemJsonArray = [];
    itemJsonArray.push([tit, desc]);
    localStorage.setItem('itemsJson', JSON.stringify(itemJsonArray));
    itemJsonArrayStr = localStorage.getItem('itemsJson');
    itemJsonArray = JSON.parse(itemJsonArrayStr);
    itemJsonArray.push([tit, desc]);
    localStorage.setItem('itemsJson', JSON.stringify(itemJsonArray));
  resetInputFields(); // Call the resetInputFields function
  update(); // Call the update function to refresh the list
// Function to update the list
function update() {
  // Retrieve stored items or initialize array
  if (localStorage.getItem('itemsJson') == null) {
    itemJsonArray = [];
    localStorage.setItem('itemsJson', JSON.stringify(itemJsonArray));
    itemJsonArrayStr = localStorage.getItem('itemsJson');
    itemJsonArray = JSON.parse(itemJsonArrayStr);
  }
```

```
// Populate the table with list items
 let tableBody = document.getElementById("tableBody");
 let str = "";
  itemJsonArray.forEach((element, index) => {
    // Create HTML for each item row
    str += `
      <th scope="row">${index + 1}
      ${element[o]}
      ${element[1]}
      <button onclick="deleted(${index})">Delete</button>
      `:
  });
 tableBody.innerHTML = str;
// Get the "Add" button element and attach click event listener
add = document.getElementById("add");
add.addEventListener("click", getAndUpdate);
// Call update() to populate list on initial load
update();
// Function to delete an item from the list
function deleted(itemIndex) {
  console.log("Delete", itemIndex);
  // Retrieve stored items
 itemJsonArrayStr = localStorage.getItem('itemsJson');
  itemJsonArray = JSON.parse(itemJsonArrayStr);
  // Remove the selected item from the array
  itemJsonArray.splice(itemIndex, 1);
  // Update the storage
 localStorage.setItem('itemsJson', JSON.stringify(itemJsonArray));
  // Update the displayed list
  update();
// Function to clear all items from the storage and the list
function clearStorage() {
  if (confirm("Do you really want to clear?")) {
    console.log('Clearing the storage');
    // Clear the storage
    localStorage.clear();
    // Update the displayed list
    update();
 }
```

```
</script>
</body>
</html>
```