

LAB-07

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Q.1

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Prototype 3</title>
</head>
<body>
  <h1>Shopping List</h1>
  <input type="text" id="item" placeholder="Enter item">
  <button onclick="addItem()">Add Item</button>
  <ul id="list"></ul>

  <script>
    // Function to add item to the list
    function addItem() {
      var itemInput = document.getElementById('item');
      var item = itemInput.value.trim();
      if (item !== '') {
        var list = document.getElementById('list');
        var listItem = document.createElement('li');
        listItem.textContent = item;
        list.appendChild(listItem);
        saveListToLocalStorage();
        itemInput.value = ''; // Clear the input field
      }
    }
  </script>
</body>
</html>
```

```

// Function to save list to local storage
function saveListToLocalStorage() {
    var listItems = document.querySelectorAll('#list li');
    var itemList = [];
    listItems.forEach(function (item) {
        itemList.push(item.textContent);
    });
    localStorage.setItem('shoppingList', JSON.stringify(itemList));
}

// Function to load list from local storage
function loadListFromLocalStorage() {
    var storedList = localStorage.getItem('shoppingList');
    if (storedList) {
        var itemList = JSON.parse(storedList);
        var list = document.getElementById('list');
        itemList.forEach(function (item) {
            var listItem = document.createElement('li');
            listItem.textContent = item;
            list.appendChild(listItem);
        });
    }
}

// Load list when the page loads
window.onload = loadListFromLocalStorage;
</script>
</body>
</html>

```

OUTPUT

Shopping List

- PANEER

Q.2

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Prototype 3</title>
</head>
<body>
  <h1>Shopping List</h1>
  <input type="text" id="item" placeholder="Enter item">
  <button onclick="addItem()">Add Item</button>
  <ul id="list"></ul>

  <h2>Page Access Count</h2>
  <p id="accessCount"></p>

  <script>
    // Function to add item to the list
    function addItem() {
      var itemInput = document.getElementById('item');
      var item = itemInput.value.trim();
      if (item !== '') {
        var list = document.getElementById('list');
        var listItem = document.createElement('li');
        listItem.textContent = item;
        list.appendChild(listItem);
        saveListToLocalStorage();
        itemInput.value = ''; // Clear the input field
      }
    }
  </script>

```

```

    // Function to save list to local storage
    function saveListToLocalStorage() {
      var listItems = document.querySelectorAll('#list li');
      var itemList = [];
      listItems.forEach(function (item) {
        itemList.push(item.textContent);
      });
      localStorage.setItem('shoppingList', JSON.stringify(itemList));
    }

    // Function to load list from local storage
    function loadListFromLocalStorage() {
      var storedList = localStorage.getItem('shoppingList');
      if (storedList) {
        var itemList = JSON.parse(storedList);
        var list = document.getElementById('list');
        itemList.forEach(function (item) {
          var listItem = document.createElement('li');
          listItem.textContent = item;
          list.appendChild(listItem);
        });
      }
    }

    // Function to update and display page access count
    function updatePageAccessCount() {
      var count = localStorage.getItem('pageAccessCount');
      if (!count) {
        count = 1;
      } else {

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        count = parseInt(count) + 1;
      }
      localStorage.setItem('pageAccessCount', count);
      document.getElementById('accessCount').textContent = 'Page accessed ' + count + ' times.';
    }

    // Load list and update page access count when the page loads
    window.onload = function () {
      loadListFromLocalStorage();
      updatePageAccessCount();
    };
  </script>
</body>
</html>

```

OUTPUT

Shopping List

- PANEER

Page Access Count

Page accessed 4 times.