LAB-07

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1.

```html
<!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>
    <link rel="stylesheet" href="style.css">
</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;
```

```javascript
            list.appendChild(listItem);

            saveListToLocalStorage();

            itemInput.value = ''; // Clear the input field

        }

    }


// 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);

        });

    }

}
```
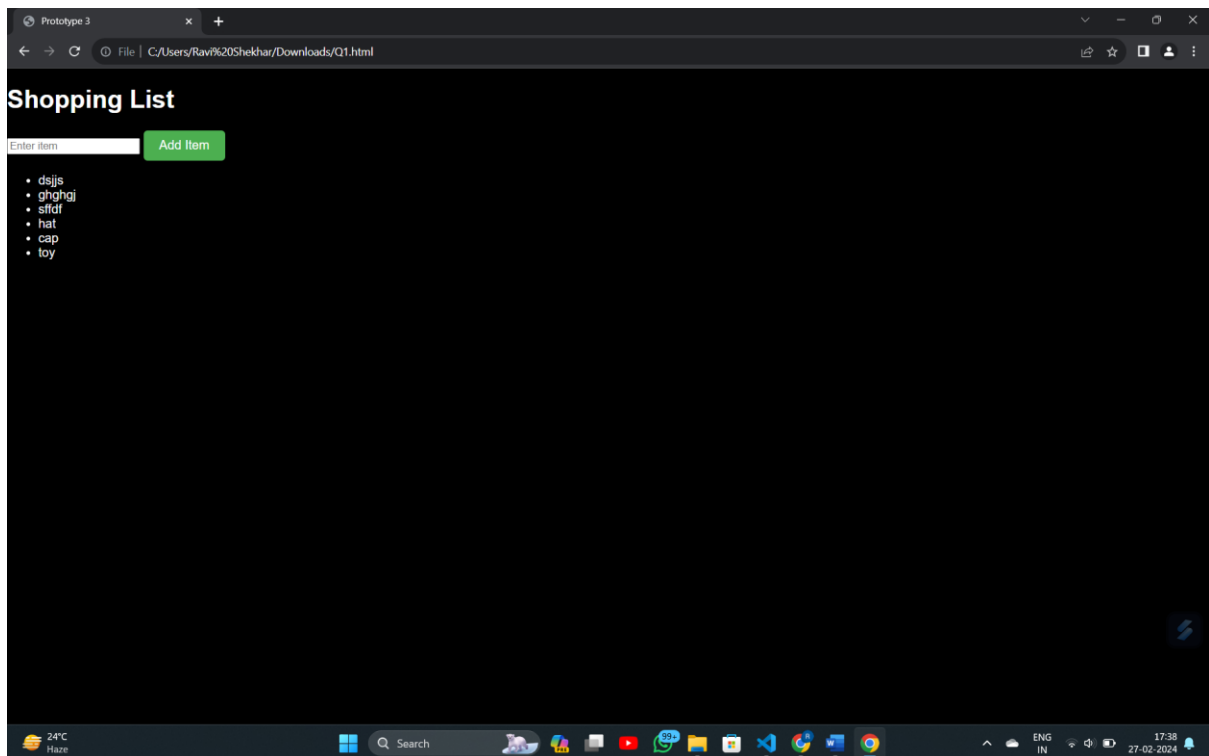
```
        // Load list when the page loads

        window.onload = loadListFromLocalStorage;

    </script>

</body>

</html>
```

Style.css

```css
body {

    margin: 0;

    padding: 0;

    font-family: Arial, sans-serif;

    background-color: black;

    color: white;

}
```

2.

```html
<!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>
    <link rel="stylesheet" href="style.css">
</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

    }

}


// 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 {

            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>
```

Style.css

```css
body {

    margin: 0;

    padding: 0;

    font-family: Arial, sans-serif;

    background-color: black;

    color: white;

}
```

Shopping List

Enter item [　　　　　] [Add Item]

- dsjjs
- ghghgj
- sffdf
- hat
- cap
- toy

Page Access Count

Page accessed 3 times.