LAB ASSIGNMENT

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Develop prototype 3 continuing with the last lab. Confirm that the app now remembers your list even after a page refresh.

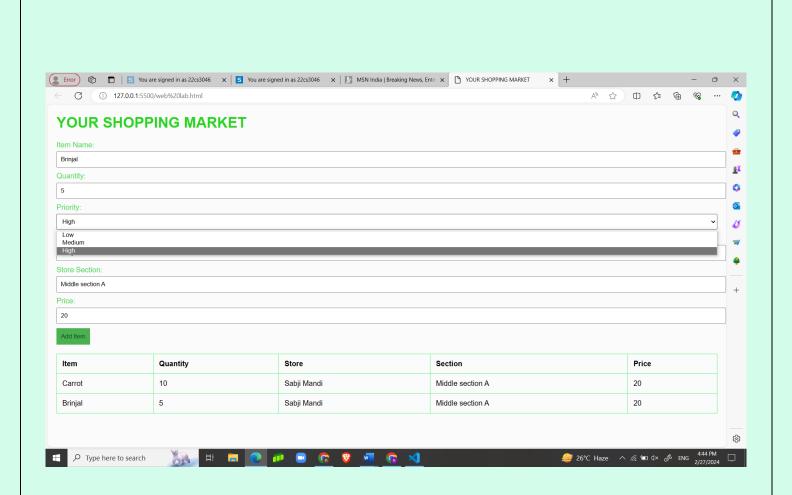
Soltution:

```
<!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>YOUR SHOPPING MARKET</title>
    <style>
        body {
            font-family: Arial, sans-serif;
            margin: 20px;
            background-color: rgb(251, 251, 251);
        }
        h1 {
            color: #2ad41e;
        form {
            margin-bottom: 20px;
```

```
color: rgba(14, 208, 37, 0.784);
       }
       label {
           display: block;
           margin-bottom: 5px;
        }
       input, select {
           margin-bottom: 10px;
           padding: 8px;
           width: 100%;
        }
       button {
            padding: 10px;
            background-color: #4CAF50;
            color: rgb(4, 87, 34);
            border: none;
            cursor: pointer;
       }
       table {
           width: 100%;
           border-collapse: collapse;
           margin-top: 20px;
       }
       th, td {
            border: 1px solid #06ec3cbc;
            padding: 12px;
           text-align: left;
   </style>
</head>
<body>
   <h1>YOUR SHOPPING MARKET</h1>
   <form id="itemForm">
        <label for="itemName">Item Name:</label>
       <input type="text" id="itemName" placeholder="Enter item name">
       <label for="itemQuantity">Quantity:</label>
```

```
<input type="number" id="itemQuantity" placeholder="1" value="1">
   <label for="itemPriority">Priority:</label>
   <select id="itemPriority">
       <option value="low">Low</option>
       <option value="medium">Medium</option>
       <option value="high">High</option>
   </select>
   <label for="storeName">Store Name:</label>
   <input type="text" id="storeName" placeholder="Enter store name">
   <label for="storeSection">Store Section:</label>
   <input type="text" id="storeSection" placeholder="Enter store section">
   <label for="itemPrice">Price:</label>
   <input type="number" id="itemPrice" placeholder="Enter price">
   <button type="button" onclick="addItem()">Add Item</button>
</form>
<thead>
       Item
           Quantity
           Store
           Section
           Price
       </thead>
   <!-- Table content will go here -->
   <script>
   function addItem() {
       var itemName = document.getElementById("itemName").value;
       var itemQuantity = document.getElementById("itemQuantity").value;
       var itemPriority = document.getElementById("itemPriority").value;
       var storeName = document.getElementById("storeName").value;
       var storeSection = document.getElementById("storeSection").value;
       var itemPrice = document.getElementById("itemPrice").value;
```

```
saveItemToLocalStorage(itemName, itemQuantity, itemPriority, storeName,
storeSection, itemPrice);
            addRowToTable(itemName, itemQuantity, storeName, storeSection, itemPrice);
        }
        function saveItemToLocalStorage(name, quantity, priority, store, section, price) {
            var items = JSON.parse(localStorage.getItem('shoppingList')) || [];
            items.push({
                name: name,
                quantity: quantity,
                priority: priority,
                store: store,
                section: section,
                price: price
            });
            localStorage.setItem('shoppingList', JSON.stringify(items));
        }
        function addRowToTable(name, quantity, store, section, price) {
            var table =
document.getElementById("itemList").getElementsByTagName('tbody')[0];
            var newRow = table.insertRow(table.rows.length);
            var cell1 = newRow.insertCell(0);
            var cell2 = newRow.insertCell(1);
            var cell3 = newRow.insertCell(2);
            var cell4 = newRow.insertCell(3);
            var cell5 = newRow.insertCell(4);
            cell1.innerHTML = name;
            cell2.innerHTML = quantity;
            cell3.innerHTML = store;
            cell4.innerHTML = section;
            cell5.innerHTML = price;
        }
        window.onload = function () {
            var storedItems = JSON.parse(localStorage.getItem('shoppingList')) || [];
            for (var i = 0; i < storedItems.length; i++) {</pre>
                addRowToTable(storedItems[i].name, storedItems[i].quantity,
storedItems[i].store, storedItems[i].section, storedItems[i].price);
        };
    </script>
</body>
 /html>
```



Create a local storage that saves the number of times you have accessed the page and displays it.

Solution

This is added function in the previous code

```
// Function to update and display page access count
    function updatePageAccessCount() {
        // Check if 'pageAccessCount' key exists in local storage
        if (localStorage.getItem('pageAccessCount')) {
            // If exists, increment the count
            let pageAccessCount = parseInt(localStorage.getItem('pageAccessCount')) +

1;
        localStorage.setItem('pageAccessCount', pageAccessCount);
        // Display the updated count
```

