WEB TECHNOLOGY LAB-7

NAME – UDAY BOLLA

ROLL.NO – 22CS3024

T1)

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Shopping List</title>

    <style>
        body {
            font-family: Arial, sans-serif;
            margin: 20px;
        }

        h1 {
            color: #333;
        }

        form {
            margin-bottom: 20px;
        }

        label {
            display: block;
            margin-bottom: 5px;
        }

        input, select {
            margin-bottom: 10px;
            padding: 8px;
            width: 100%;
        }

        button {
            padding: 10px;
            background-color: #4CAF50;
            color: white;
            border: none;
            cursor: pointer;
        }

        table {
```
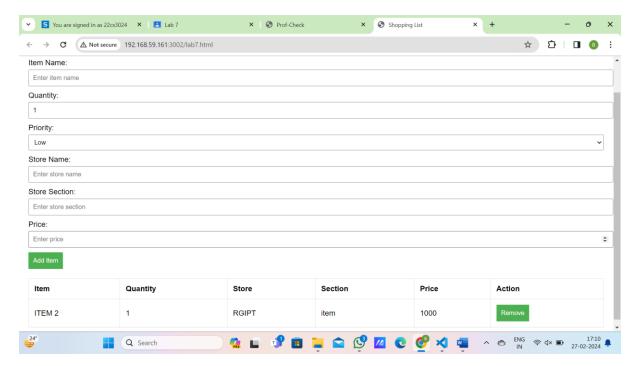
```
            width: 100%;
            border-collapse: collapse;
            margin-top: 20px;
        }

        th, td {
            border: 1px solid #ddd;
            padding: 12px;
            text-align: left;
        }
    </style>

</head>
<body>

    <h1>Shopping List</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>

    <table id="itemList">
        <thead>
            <tr>
                <th>Item</th>
```

```html
            <th>Quantity</th>
            <th>Store</th>
            <th>Section</th>
            <th>Price</th>
        </tr>
    </thead>
    <tbody>
        <!-- Table content will go here -->
    </tbody>
</table>

<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++) {
                addRowToTable(storedItems[i].name, storedItems[i].quantity,
storedItems[i].store, storedItems[i].section, storedItems[i].price);
            }
        };
    </script>

</body>
</html>
```


T2)

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Shopping List</title>
```

```css
<style>
    body {
        font-family: Arial, sans-serif;
        margin: 20px;
    }

    h1 {
        color: #333;
    }

    form {
        margin-bottom: 20px;
    }

    label {
        display: block;
        margin-bottom: 5px;
    }

    input, select {
        margin-bottom: 10px;
        padding: 8px;
        width: 100%;
    }

    button {
        padding: 10px;
        background-color: #4CAF50;
        color: white;
        border: none;
        cursor: pointer;
    }

    table {
        width: 100%;
        border-collapse: collapse;
        margin-top: 20px;
    }

    th, td {
        border: 1px solid #ddd;
        padding: 12px;
        text-align: left;
    }
</style>

</head>
```

```html
<body>

    <h1>Shopping List</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>

    <table id="itemList">
        <thead>
            <tr>
                <th>Item</th>
                <th>Quantity</th>
                <th>Store</th>
                <th>Section</th>
                <th>Price</th>
            </tr>
        </thead>
        <tbody>
            <!-- Table content will go here -->
        </tbody>
    </table>

    <p id="accessCounter">Number of times accessed: 0</p>
```

```html
<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);
        updateAccessCounter();
    }

    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;
    }

    function updateAccessCounter() {
```

```
            var accessCount = localStorage.getItem('accessCount') || 0;
            accessCount++;
            localStorage.setItem('accessCount', accessCount);
            document.getElementById('accessCounter').innerText = 'Number of
times accessed: ' + accessCount;
        }

        window.onload = function () {
            var storedItems = JSON.parse(localStorage.getItem('shoppingList'))
|| [];
            for (var i = 0; i < storedItems.length; i++) {
                addRowToTable(storedItems[i].name, storedItems[i].quantity,
storedItems[i].store, storedItems[i].section, storedItems[i].price);
            }
            updateAccessCounter();
        };
    </script>

</body>
</html>
```