

LAB-7

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Branch-CSE

Roll no.-22cs3029

1.

CODE:

```
<!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;
      background-color: azure;
    }

    h1 {
      color: navy;
    }

    form {
      margin-bottom: 20px;
    }

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

    input, select {
      margin-bottom: 10px;
      padding: 8px;
      width: 100%;
    }
  </style>
</head>
<body>
  <h1>Shopping List</h1>
  <div>
    <div>
      <input type="text" value="Name" />
      <input type="text" value="Price" />
      <input type="button" value="Add" />
    </div>
    <table>
      <thead>
        <tr>
          <th>Name</th>
          <th>Price</th>
        </tr>
      </thead>
      <tbody>
        <tr>
          <td>Apple</td>
          <td>1.20</td>
        </tr>
        <tr>
          <td>Banana</td>
          <td>0.80</td>
        </tr>
        <tr>
          <td>Orange</td>
          <td>0.50</td>
        </tr>
        <tr>
          <td>Grapes</td>
          <td>2.00</td>
        </tr>
        <tr>
          <td>Milk</td>
          <td>3.50</td>
        </tr>
        <tr>
          <td>Eggs</td>
          <td>2.99</td>
        </tr>
        <tr>
          <td>Butter</td>
          <td>4.99</td>
        </tr>
        <tr>
          <td>Honey</td>
          <td>5.99</td>
        </tr>
        <tr>
          <td>Yogurt</td>
          <td>1.99</td>
        </tr>
        <tr>
          <td>Cheese</td>
          <td>8.99</td>
        </tr>
        <tr>
          <td>Bread</td>
          <td>2.49</td>
        </tr>
        <tr>
          <td>Cereal</td>
          <td>4.49</td>
        </tr>
        <tr>
          <td>Pasta</td>
          <td>3.99</td>
        </tr>
        <tr>
          <td>Beans</td>
          <td>1.99</td>
        </tr>
        <tr>
          <td>Rice</td>
          <td>5.49</td>
        </tr>
        <tr>
          <td>Onions</td>
          <td>1.49</td>
        </tr>
        <tr>
          <td>Garlic</td>
          <td>0.99</td>
        </tr>
        <tr>
          <td>Peppers</td>
          <td>2.99</td>
        </tr>
        <tr>
          <td>Tomatoes</td>
          <td>1.99</td>
        </tr>
        <tr>
          <td>Cucumbers</td>
          <td>1.49</td>
        </tr>
        <tr>
          <td>Carrots</td>
          <td>0.99</td>
        </tr>
        <tr>
          <td>Spinach</td>
          <td>2.99</td>
        </tr>
        <tr>
          <td>Kale</td>
          <td>3.99</td>
        </tr>
        <tr>
          <td>Broccoli</td>
          <td>2.49</td>
        </tr>
        <tr>
          <td>Asparagus</td>
          <td>3.99</td>
        </tr>
        <tr>
          <td>Zucchini</td>
          <td>1.99</td>
        </tr>
        <tr>
          <td>Mushrooms</td>
          <td>2.99</td>
        </tr>
        <tr>
          <td>Potatoes</td>
          <td>1.99</td>
        </tr>
        <tr>
          <td>Sweet Potatoes</td>
          <td>2.99</td>
        </tr>
        <tr>
          <td>Cauliflower</td>
          <td>3.99</td>
        </tr>
        <tr>
          <td>Brussels Sprouts</td>
          <td>4.99</td>
        </tr>
        <tr>
          <td>Cabbage</td>
          <td>1.99</td>
        </tr>
        <tr>
          <td>Lettuce</td>
          <td>2.99</td>
        </tr>
        <tr>
          <td>Avocado</td>
          <td>1.49</td>
        </tr>
        <tr>
          <td>Limes</td>
          <td>0.99</td>
        </tr>
        <tr>
          <td>Lemon</td>
          <td>0.99</td>
        </tr>
        <tr>
          <td>Ginger</td>
          <td>1.99</td>
        </tr>
        <tr>
          <td>Garlic</td>
          <td>0.99</td>
        </tr>
        <tr>
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        </tr>
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        </tr>
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        <tr>
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        </tr>
        <tr>
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          <td>1.99</td>
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        </tr>
        <tr>
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        </tr>
        <tr>
          <td>Brussels Sprouts</td>
          <td>4.99</td>
        </tr>
        <tr>
          <td>Cabbage</td>
          <td>1.99</td>
        </tr>
        <tr>
          <td>Lettuce</td>
```

```

        button {
            padding: 10px;
            background-color: #248d16;
            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>
                <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>

```

Output:


```
    form {
        margin-bottom: 20px;
    }

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

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

    button {
        padding: 10px;
        background-color: #21a81f;
        color: white;
        border: none;
        cursor: pointer;
    }

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

    th, td {
        border: 2px solid navy;
        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>

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

<table id="itemList">
  <thead>
    <tr>
      <th>Item</th>
      <th>Quantity</th>
      <th>Store</th>
      <th>Section</th>
      <th>Price</th>
    </tr>
  </thead>
</table>
```

```

        </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);
        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));
    }

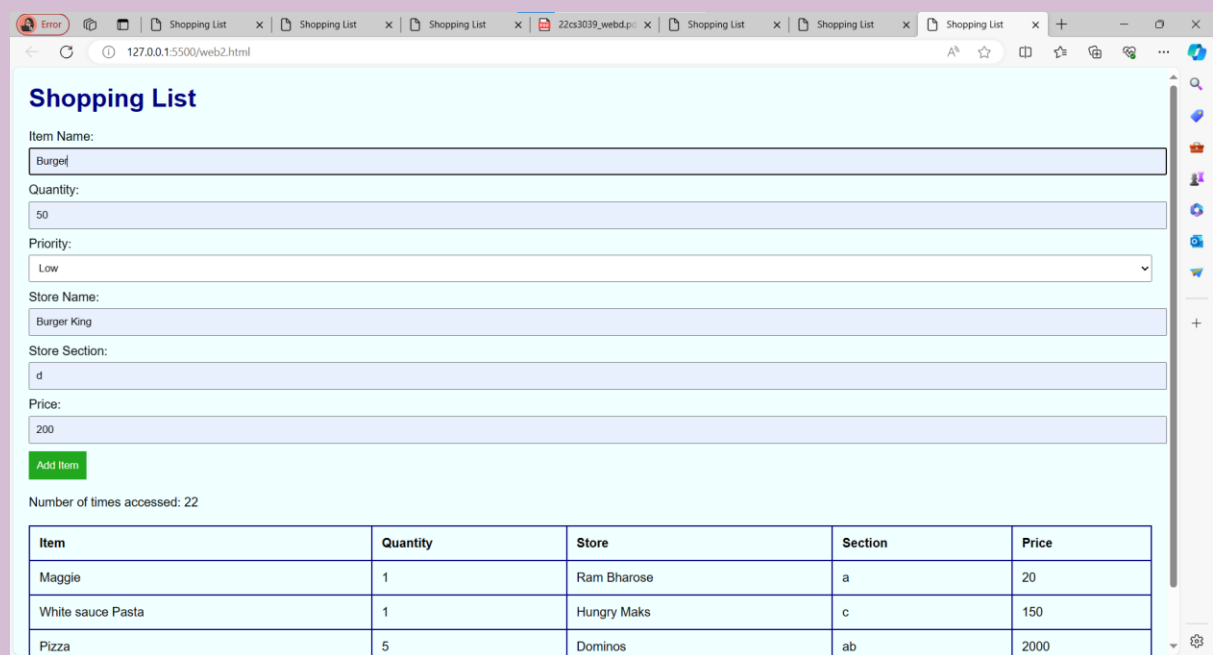
    function addRowToTable(name, quantity, store,
section, price) {
        var table =
document.getElementById("itemList").getElementsByTagName('
tbody')[0];
        var newRow =
table.insertRow(table.rows.length);
        var cell1 = newRow.insertCell(0);
        var cell2 = newRow.insertCell(1);
        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').inner
Text = '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>
```

Output:



Shopping List

Item Name:

Quantity:

Priority:

Store Name:

Store Section:

Price:

Number of times accessed: 22

Item	Quantity	Store	Section	Price
Maggie	1	Ram Bharose	a	20
White sauce Pasta	1	Hungry Maks	c	150
Pizza	5	Dominos	ab	2000