

Lab Assignment 7

Name-HIMANSHU JAYANT

Roll no.- 22IT3015

Q1. <!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: 0;
```

```
      padding: 0;
```

```
    }
```

```
    h1 {
```

```
      text-align: center;
```

```
    }
```

```
    input[type="text"] {
```

```
      width: 70%;
```

```
      padding: 10px;
```

```
      margin: 10px;
```

```
      box-sizing: border-box;
```

```
    }
```

```
    button {
```

```
      padding: 10px 20px;
```

```
      margin: 10px;
```

```
      background-color: #4CAF50;
```

```
      color: white;
```

```
      border: none;
```

```
      cursor: pointer;
```

```

    }
    button:hover { background-color: #45a049; }
    ul {
        list-style-type: none;
        padding: 0;
        margin: 0;
    }
    li {

}
p
a
d
d
i
n
g
:
1
0
p
x
;
m
a
r
g
i
n
:
5
</style>
</head>
<body>
x

```

```
;                                background-color: #f2f2f2;
```

```
<input type="text" id="item" placeholder="Enter item">  
<button onclick="addItemController()">Add Item</button>  
<ul id="list"></ul>
```

```
<script>
```

```
    var shoppingList = [];
```

```
    function addItem(item) {  
        shoppingList.push(item);  
        saveToStorage();  
        displayShoppingList();  
    }
```

```
    function getShoppingList() {  
        return shoppingList;  
    }
```

```
    function saveToStorage() {  
        localStorage.setItem('shoppingList', JSON.stringify(shoppingList));  
    }
```

```
    function loadFromStorage() {  
        var storedList = localStorage.getItem('shoppingList');  
        if (storedList) {  
            shoppingList = JSON.parse(storedList);  
        }  
    }
```

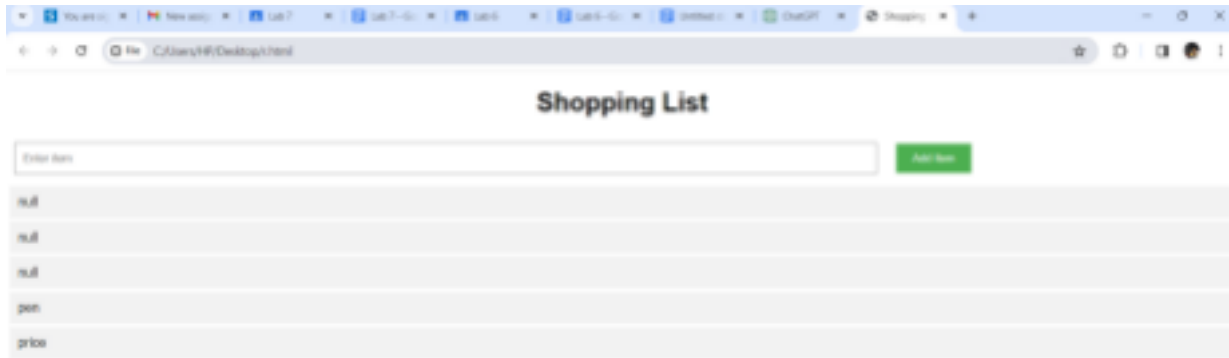
```
    function displayShoppingList() {  
        var list = document.getElementById('list');  
        list.innerHTML = "";  
  
        var items = getShoppingList();
```

```
        items.forEach(function(item) {
            var li = document.createElement('li');
            li.appendChild(document.createTextNode(item));
            list.appendChild(li);
        });
    }

    function addItemController() {
        var itemInput = document.getElementById('item');
        var itemValue = itemInput.value.trim();

        if (itemValue !== "") {
            addItem(itemValue)
            ; itemInput.value =
            "";
        } else {
            alert('Please enter an item!');
        }
    }

    window.onload = function() {
        loadFromStorage();
        displayShoppingList();
    }
</script>
</body>
</html>
```



```
Q2. <!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: 0;
      padding: 0;
    }
    h1 {
      text-align: center;
    }
    input[type="text"] {
      width: 70%;
      padding: 10px;
      margin: 10px;
      box-sizing: border-box;
    }
  </style>
</head>
<body>
  <h1>Shopping List</h1>
  <div>
    <input type="text" value="Enter item" />
    <button type="button" value="Add Item" />
  </div>
  <table>
    <thead>
      <tr>
        <th></th>
        <th></th>
      </tr>
    </thead>
    <tbody>
      <tr>
        <td>null</td>
        <td></td>
      </tr>
      <tr>
        <td>null</td>
        <td></td>
      </tr>
      <tr>
        <td>null</td>
        <td></td>
      </tr>
      <tr>
        <td>pen</td>
        <td></td>
      </tr>
      <tr>
        <td>price</td>
        <td></td>
      </tr>
    </tbody>
  </table>
</body>
</html>
```

```

button {
  padding: 10px 20px;
  margin: 10px;
  background-color: #4CAF50;
  color: white;
  border: none;
  cursor: pointer;
}
button:hover {
  background-color: #45a049; }
ul {
  list-style-type: none;
  padding: 0;
  margin: 0;
}
li { padding: 5px 0; }

```

Shopping List

```

</head> <body>

```

```
background-color: #f2f2f2;
```

```
<p>You have visited this page <span id="visitCount">0</span>
times.</p>
```

```
<input type="text" id="item" placeholder="Enter item">
```

```
<button onclick="addItemController()">Add Item</button>
```

```
<ul id="list"></ul>
```

```
<script>
```

```
var visitCount = localStorage.getItem('visitCount');
```

```
if (!visitCount) {
```

```
    visitCount = 0;
```

```
} else {
```

```
    visitCount = parseInt(visitCount);
```

```
}
```

```
visitCount++;
```

```
localStorage.setItem('visitCount', visitCount);
```

```
document.getElementById('visitCount').innerText = visitCount;
```

```
var shoppingList = [];
```

```
function addItem(item) {
```

```
    shoppingList.push(item);
```

```
    saveToStorage();
```

```
    displayShoppingList();
```

```
}
```

```
function getShoppingList() {
```

```
    return shoppingList;
```

```
}
```

```
function saveToStorage() {
```

```
    localStorage.setItem('shoppingList', JSON.stringify(shoppingList));
}
function loadFromStorage() {
    var storedList = localStorage.getItem('shoppingList');
    if (storedList) {
        shoppingList = JSON.parse(storedList);
    }
}
```

```
function displayShoppingList() {
    var list = document.getElementById('list');
    list.innerHTML = "";

    var items = getShoppingList();
    items.forEach(function(item) {
        var li = document.createElement('li');
        li.appendChild(document.createTextNode(item));
        list.appendChild(li);
    });
}
```

```
function addItemController() {
    var itemInput = document.getElementById('item');
    var itemValue = itemInput.value.trim();

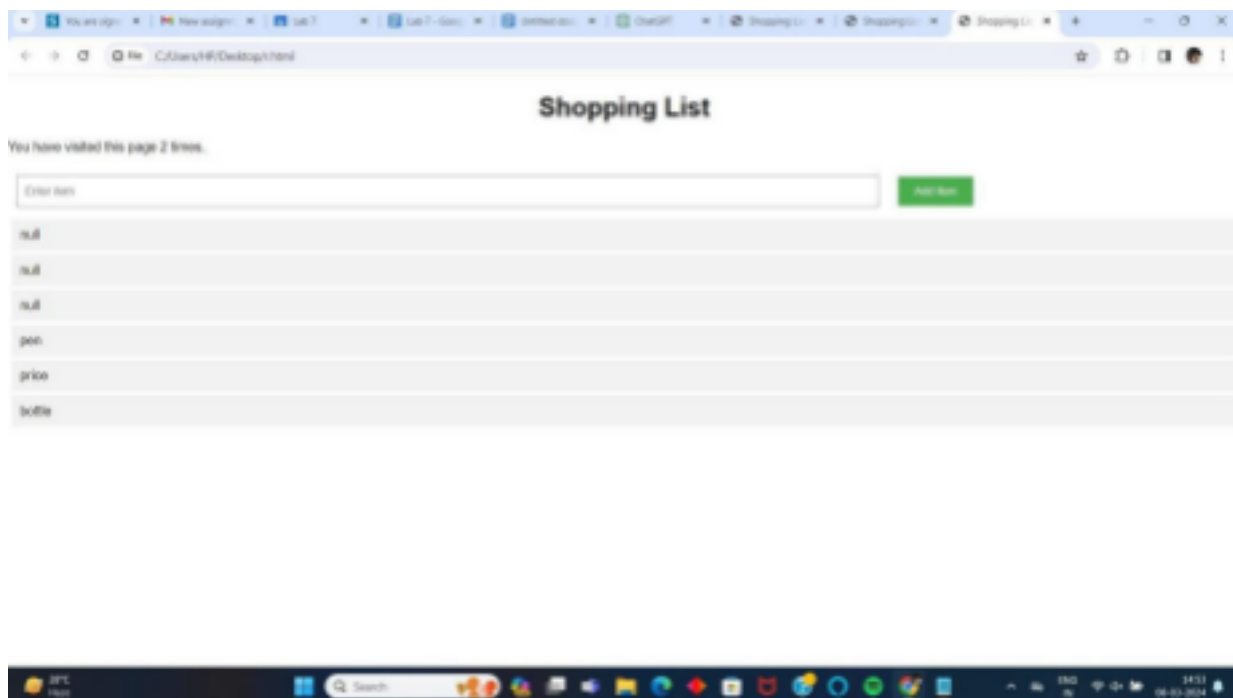
    if (itemValue !== "") {
        addItem(itemValue)
        ; itemInput.value =
        "";
    } else {
        alert('Please enter an item!');
    }
}
```



```

    window.onload = function() {
        loadFromStorage();
        displayShoppingList();
    }
</script>
</body>
</html>

```



Shopping List

You have visited this page 3 times.

Enter item

Add item

null
 null
 null
 pen
 price
 bottle