

# WEB TECHNOLOGY

## LAB 7

## ASSIGNMENT

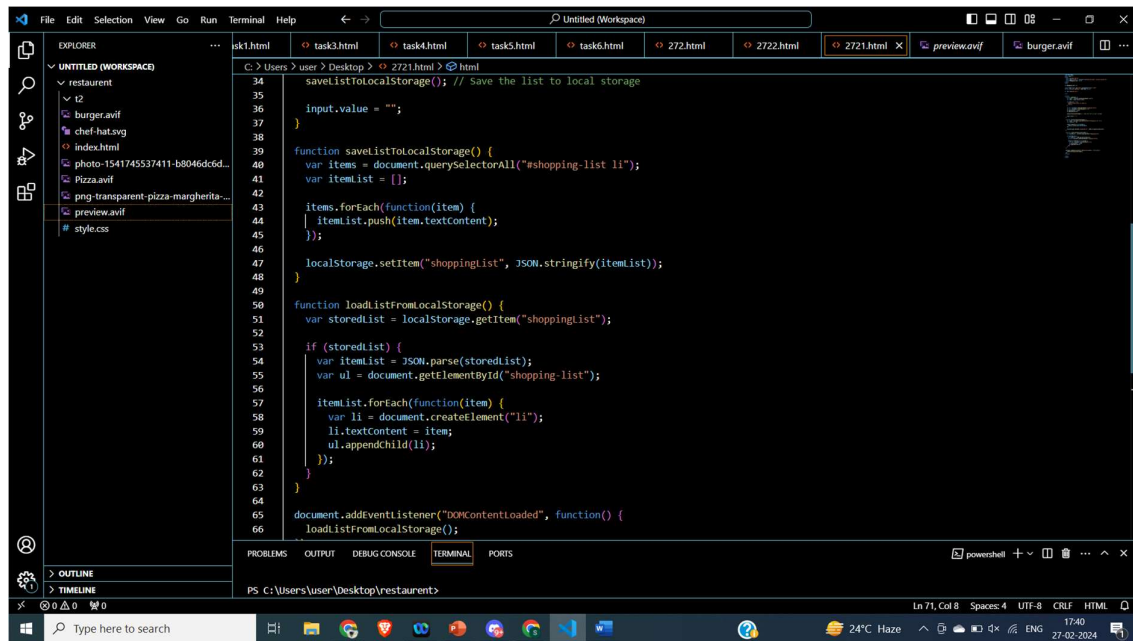
Sahil

22cs3052

Cse

T1. Develop prototype 3 continuing with the last lab. Confirm that the app now remembers your list even after a page refresh.

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Shopping List</title>
7 </head>
8 <body>
9
10  <h1>Shopping List</h1>
11
12  <input type="text" id="item" placeholder="Enter item">
13  <button onclick="addItem()">Add Item</button>
14
15  <ul id="shopping-list">
16
17  </ul>
18
19  <script>
20    function addItem() {
21      var input = document.getElementById("item");
22      var item = input.value.trim();
23
24      if (item === "") {
25        alert("Please enter an item!");
26        return;
27      }
28
29      var ul = document.getElementById("shopping-list");
30      var li = document.createElement("li");
31      li.textContent = item;
32      ul.appendChild(li);
33    }
```



T2. Create a local storage that saves the number of times you have accessed the page and displays it.

```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Shopping List</title>
7   <style>
8     body {
9       font-family: Arial, sans-serif;
10    }
11    input[type="text"] {
12      padding: 10px;
13      font-size: 16px;
14      width: 200px;
15    }
16    button {
17      padding: 10px 20px;
18      font-size: 16px;
19      cursor: pointer;
20    }
21    ul {
22      list-style-type: none;
23      padding: 0;
24    }
25    li {
26      margin-bottom: 10px;
27    }
28  </style>
29 </head>
30 <body>
31   <h1>Shopping List</h1>
32
```

```
34 <input type="text" id="item" placeholder="Enter item">
35 <button onclick="addItem()">Add Item</button>
36 <p id="access-count">Access count: <span id="count"></span></p>
37 <ul id="shopping-list">
38
39 </ul>
40
41
42 <script>
43 // Function to add item to the shopping list
44 function addItem() {
45   var input = document.getElementById("item");
46   var item = input.value.trim();
47
48   if (item === "") {
49     alert("Please enter an item!");
50     return;
51   }
52
53   var ul = document.getElementById("shopping-list");
54   var li = document.createElement("li");
55   li.textContent = item;
56   ul.appendChild(li);
57
58   // Save the updated list to local storage
59   saveListToLocalStorage();
60
61   // Update access count
62   updateAccessCount();
63
64   // Clear the input field after adding the item
65   input.value = "";
66
```

```
66 }
67
68 // Function to save the shopping list to local storage
69 function saveListToLocalStorage() {
70     var items = document.querySelectorAll("#shopping-list li");
71     var itemList = [];
72
73     items.forEach(function(item) {
74         itemList.push(item.textContent);
75     });
76
77     localStorage.setItem("shoppingList", JSON.stringify(itemList));
78 }
79
80 // Function to load the shopping list from local storage
81 function loadListFromLocalStorage() {
82     var storedList = localStorage.getItem("shoppingList");
83
84     if (storedList) {
85         var itemList = JSON.parse(storedList);
86         var ul = document.getElementById("shopping-list");
87
88         itemList.forEach(function(item) {
89             var li = document.createElement("li");
90             li.textContent = item;
91             ul.appendChild(li);
92         });
93     }
94 }
95
96 // Function to update and display access count
97 function updateAccessCount() {
98     var count = localStorage.getItem("accessCount");
99     count = count ? parseInt(count) + 1 : 1;
100     localStorage.setItem("accessCount", count);
101     document.getElementById("count").textContent = count;
102 }
103
104 // Load the shopping list from local storage when the page loads
105 document.addEventListener("DOMContentLoaded", function() {
106     loadListFromLocalStorage();
107     updateAccessCount();
108 });
109 </script>
110
111 </body>
112 </html>
```

```
92     });
93 }
94
95 // Function to update and display access count
96 function updateAccessCount() {
97     var count = localStorage.getItem("accessCount");
98     count = count ? parseInt(count) + 1 : 1;
99     localStorage.setItem("accessCount", count);
100     document.getElementById("count").textContent = count;
101 }
102
103 // Load the shopping list from local storage when the page loads
104 document.addEventListener("DOMContentLoaded", function() {
105     loadListFromLocalStorage();
106     updateAccessCount();
107 });
108 </script>
109
110 </body>
111 </html>
```

Online HT... x Online HT... x ping imag... x Lab 7 x Online HT... x Download... x Shopping x Shopping x New Tab x Shopping x + -

File C:/Users/user/Desktop/272.html

Lab 3: Implement U...

# Shopping List

pizza

burger

daal

Access count: 3

Type here to search

24°C Haze

17:40

27-02-2024

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File C:/Users/user/Desktop/2722.html

Lab 3: Implement U...

# Shopping List

Access count: 8

pizza

burger

daal

pizaa1

Type here to search

24°C Haze

17:40

27-02-2024