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22CS2031

LAB 7

Q1.

```
<> index.html > html
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>Document</title>
7  |   <link rel="stylesheet" href="style.css">
8  </head>
9  <body>
10 |   <h1>Shopping List</h1>
11 |   <input type="text" id="input-item" placeholder="Add new item">
12 |   <button onclick="addItem()">Add Item</button>
13 |   <ul id="list">
14 |
15 |   </ul>
16 |   <div id="access-count"></div>
17 |   <script src="script3.js"></script>
18 </body>
19 </html>
```

JS script.js > [0] loadItems

```
1 let addButton = document.querySelector("button");
2 let itemText = document.querySelector("#input-item");
3 let itemList = document.getElementById("list");
4
5 document.addEventListener("DOMContentLoaded", () => {
6   loadItems();
7 });
8
9 addButton.addEventListener("click", () =>{
10   addItem()
11 })
12
13 const addItem = () => {
14   var newItemText = itemText.value.trim();
15   if (newItemText !== "") {
16     var newItem = document.createElement("li");
17     newItem.className = "item";
18     newItem.innerHTML = <span>${newItemText}</span>;
19     itemList.appendChild(newItem);
20     saveItems();
21     itemText.value = "";
22   }
23 }
24
25 const saveItems = () => {
26   localStorage.setItem("items", itemList.innerHTML);
27 }
28
29 const loadItems = () => {
30   const savedItems = localStorage.getItem("items");
31   if (savedItems) {
32     itemList.innerHTML = savedItems;
33   }
34 }
```

← 127.0.0.1:5500/index.html

Shopping List

Add Item

Q2.

```
index.html X # style.css JS script.js
index.html > ...
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>Page Visits</title>
7 </head>
8 <body>
9   <p id="visitCount"></p>
10  <script>
11    const visitCountElement = document.getElementById("visitCount");
12    if (typeof(Storage) !== "undefined") {
13      let visitCount = parseInt(localStorage.getItem("visitCount")) || 0;
14      visitCount++;
15      localStorage.setItem("visitCount", visitCount);
16      visitCountElement.textContent = `You have visited this page ${visitCount} times.`;
17    } else {
18      visitCountElement.textContent = "Your browser does not support localStorage.";
19    }
20  </script>
21 </body>
22 </html>
23
```

