QUESTION 1:

```html
ecommerce.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>Shopping List</title>
7       <link rel="stylesheet" href="styles.css">
8   </head>
9   <body>
10      <div class="container">
11          <h1>Shopping List</h1>
12          <input type="text" id="itemInput" placeholder="Add new item">
13          <button onclick="addItem()">Add Item</button>
14          <ul id="itemList"></ul>
15      </div>
16
17
18      <script src="script.js"></script>
19  </body>
20  </html>
```

```css
# ecommerce.css > ...
  1 ∨ .container {
  2        max-width: 600px;
  3        margin: 50px auto;
  4        padding: 0 20px;
  5     }
  6
  7
  8 ∨ h1 {
  9        text-align: center;
 10     }
 11
 12
 13 ∨ input[type="text"] {
 14        width: 70%;
 15        padding: 8px;
 16        margin-bottom: 10px;
 17     }
 18
 19
 20 ∨ button {
 21        padding: 8px 15px;
 22        background-color: ■#4CAF50;
 23        color: ■white;
 24        border: none;
 25        cursor: pointer;
 26     }
 27
 28
 29 ∨ button:hover {
 30        background-color: ■#45a049;
 31     }
 32
 33
 34 ∨ ul {
 35        list-style-type: none;
 36        padding: 0;
 37     }
 38
 39
 40 ∨ li {
 41        margin-bottom: 5px;
```
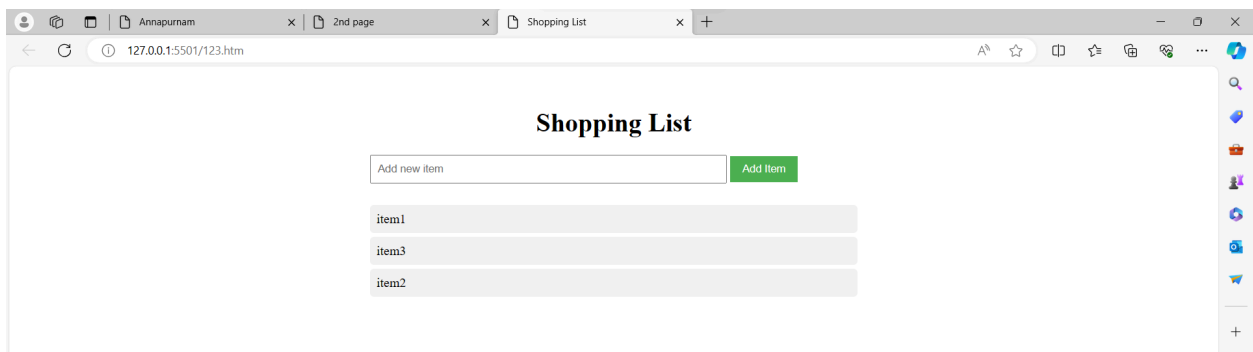
```css
39
40   li {
41       margin-bottom: 5px;
42       padding: 8px;
43       background-color: ■#f2f2f2;
44       border-radius: 5px;
45   }
46
```

```js
// Function to add item to the list
function addItem() {
    var itemInput = document.getElementById('itemInput');
    var itemValue = itemInput.value.trim();


    if (itemValue !== '') {
        var itemList = document.getElementById('itemList');
        var listItem = document.createElement('li');
        listItem.textContent = itemValue;
        itemList.appendChild(listItem);
        saveListToStorage();
        itemInput.value = '';
    } else {
        alert('Please enter a valid item!');
    }
}

function saveListToStorage() {
    var itemList = document.getElementById('itemList');
    var items = [];

    for (var i = 0; i < itemList.children.length; i++) {
        items.push(itemList.children[i].textContent);
    }

    localStorage.setItem('shoppingList', JSON.stringify(items));
}

function loadListFromStorage() {
    var itemList = document.getElementById('itemList');
    var storedItems = localStorage.getItem('shoppingList');


    if (storedItems) {
        var items = JSON.parse(storedItems);


        // Add items to the list
        items.forEach(function(item) {
            var listItem = document.createElement('li');
```

```
39          // Add items to the list
40          items.forEach(function(item) {
41              var listItem = document.createElement('li');
42              listItem.textContent = item;
43              itemList.appendChild(listItem);
44          });
45      }
46  }
47
48
49  // Load list from localStorage when the page loads
50  window.addEventListener('load', loadListFromStorage);
51
```


QUESTION 2:

```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 App</title>
    <link rel="stylesheet" href="ecommerce.css">
</head>
<body>
    <div class="container">
        <h1>Shopping List App</h1>
        <div id="app">
            <input type="text" id="itemInput" placeholder="Add new item">
            <button id="addItemBtn">Add</button>
            <ul id="itemList"></ul>
        </div>
        <div id="accessCount">Access count: </div>
    </div>
    <script src="ecommerce.js"></script>
</body>
</html>
```

```css
# ecommerce.css > ...
1    /* Your CSS styles */
2    body {
3        font-family: Arial, sans-serif;
4        background-color: #f4f4f4;
5        margin: 0;
6        padding: 0;
7    }
8
9    .container {
10       max-width: 800px;
11       margin: 50px auto;
12       padding: 20px;
13       background-color: #fff;
14       border-radius: 10px;
15       box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
16   }
17
18   h1 {
19       text-align: center;
20       color: #333;
21   }
22
23   #app {
24       text-align: center;
25   }
26
27   input[type="text"] {
28       padding: 10px;
29       margin-bottom: 10px;
30       width: 60%;
31       border-radius: 5px;
32       border: 1px solid #ccc;
33   }
34
35   button {
36       padding: 10px 20px;
37       background-color: #4CAF50;
38       color: #fff;
39       border: none;
40       border-radius: 5px;
41       cursor: pointer;
```

```css
40        border-radius: 5px;
41        cursor: pointer;
42        transition: background-color 0.3s ease;
43    }
44
45    button:hover {
46        background-color: #45a049;
47    }
48
49    ul {
50        list-style-type: none;
51        padding: 0;
52    }
53
54    li {
55        background-color: #f9f9f9;
56        padding: 10px;
57        margin-bottom: 5px;
58        border-radius: 5px;
59        border-left: 6px solid #f51b14;
60    }
61
62    li:last-child {
63        margin-bottom: 0;
64    }
65
```

```
ecommerce.js > ...
1    // Function to add item to the list
2    function addItem() {
3        var itemInput = document.getElementById('itemInput');
4        var itemList = document.getElementById('itemList');
5
6        if (itemInput.value === '') {
7            alert('Please enter an item');
8        } else {
9            var li = document.createElement('li');
10           li.appendChild(document.createTextNode(itemInput.value));
11           itemList.appendChild(li);
12           itemInput.value = '';
13       }
14   }
15
16   // Function to update and display access count
17   function updateAccessCount() {
18       if (localStorage.getItem('accessCount')) {
19           var count = parseInt(localStorage.getItem('accessCount'));
20           count++;
21           localStorage.setItem('accessCount', count);
22       } else {
23           localStorage.setItem('accessCount', 1);
24       }
25
26       document.getElementById('accessCount').innerText = 'Access count: ' + localStorage.getItem('accessCount');
27   }
28
29   // Call the function to update and display access count when the page loads
30   updateAccessCount();
31
32   // Adding event listener to the "Add" button
33   document.getElementById('addItemBtn').addEventListener('click', addItem);
34
```

Shopping List App

| Add new item | Add |

t-shirt

pants

Access count: 3