

Webtech Lab – 7

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

```
<!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;
      background-color: #f4f4f4;
    }
    .container {
      max-width: 600px;
      margin: 50px auto;
      background-color: #fff;
      padding: 20px;
      border-radius: 5px;
      box-shadow: 0 2px 5px rgba(0, 0, 0, 0.1);
    }
    input[type="text"] {
      width: 70%;
      padding: 10px;
      margin-right: 10px;
    }
    button {
      padding: 10px 20px;

      background-color: #4caf50;
      color: #fff;
      border: none;
```

```

    cursor: pointer;
}
ul {
    list-style-type: none;
    padding: 0;
}
li {
    margin: 10px 0;
}
button.delete {
    background-color: #f44336;
}

</style>
</head>
<body>
    <div class="container">
        <h1>Shopping List</h1>
        <input type="text" id="itemInput"
placeholder="Enter an item">
        <button onclick="addItem()>Add Item</button>
        <ul id="itemList"></ul>
    </div>
    <script >
        document.addEventListener("DOMContentLoaded", function() {
            loadItems();
        });
        function addItem() {
            var itemInput = document.getElementById("itemInput");
            var item = itemInput.value.trim();
            if (item !== "") {
                var itemList =
JSON.parse(localStorage.getItem("shoppingList")) || [];
                itemList.push(item);
                localStorage.setItem("shoppingList", JSON.stringify(itemList));
                displayItems();
                itemInput.value = "";
            }
        }

        function deleteItem(index) {
            var itemList = JSON.parse(localStorage.getItem("shoppingList")) ||
[];
            itemList.splice(index, 1);
            localStorage.setItem("shoppingList", JSON.stringify(itemList));
            displayItems();
        }

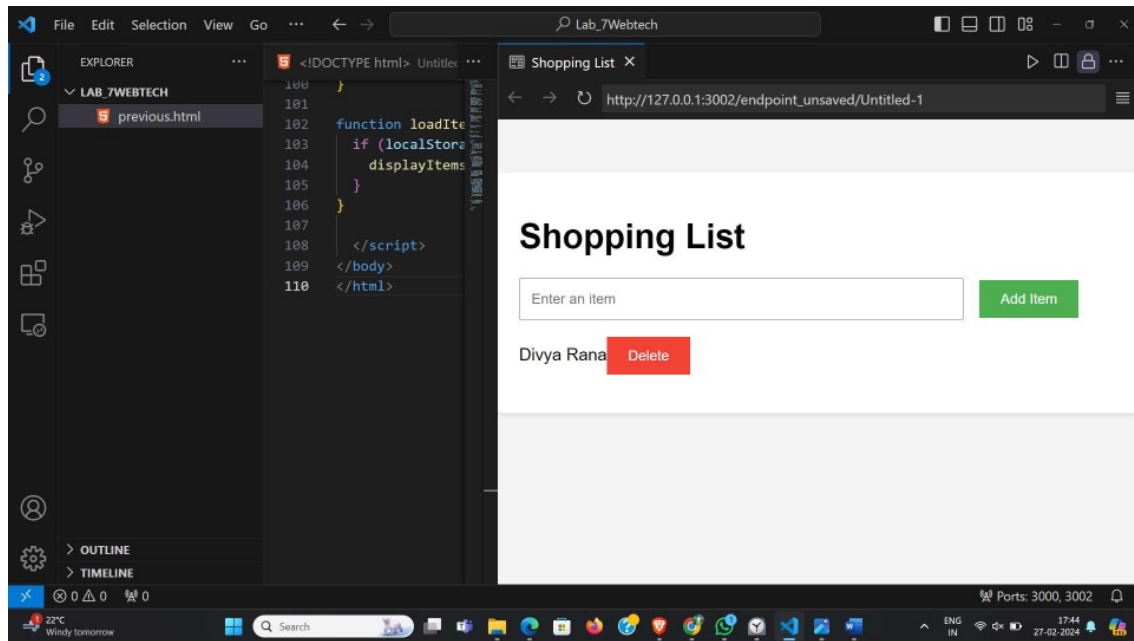
        function displayItems() {
            var itemList = JSON.parse(localStorage.getItem("shoppingList")) ||
[];

```

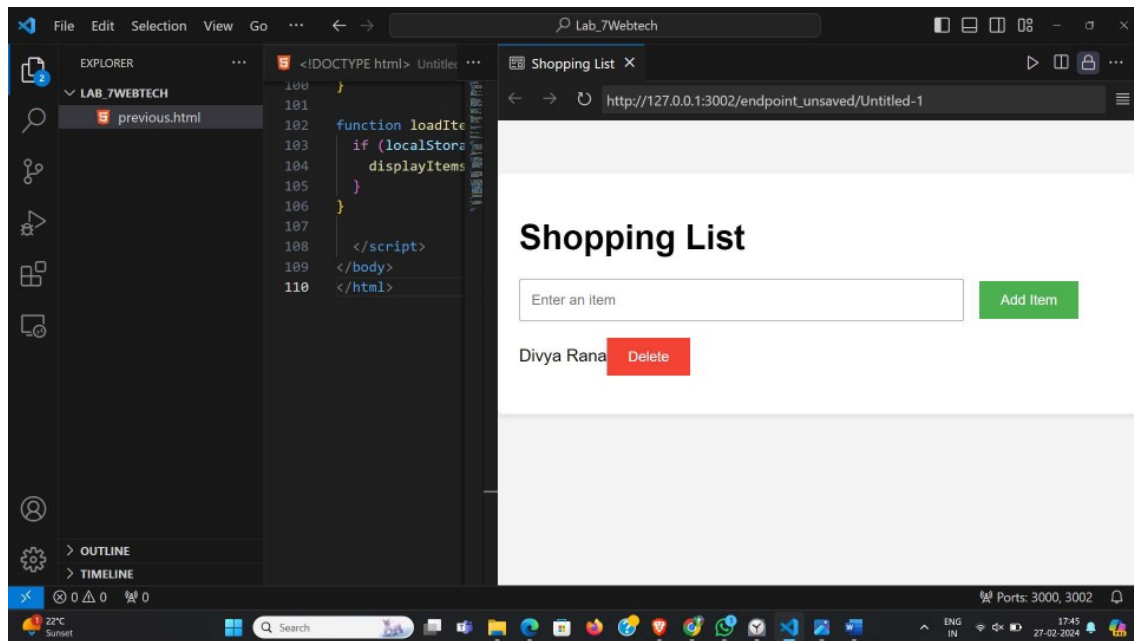
```
var itemListContainer = document.getElementById(&quot;itemList&quot;);
itemListContainer.innerHTML = &quot;&quot;;
itemList.forEach(function(item, index) {
    var li = document.createElement(&quot;li&quot;);
    li.textContent = item;
    var deleteButton = document.createElement(&quot;button&quot;);
    deleteButton.textContent = &quot;Delete&quot;;
    deleteButton.classList.add(&quot;delete&quot;);
    deleteButton.onclick = function() {
        deleteItem(index);
    };
    li.appendChild(deleteButton);
    itemListContainer.appendChild(li);
});
}
function loadItems() {
    if (localStorage.getItem(&quot;shoppingList&quot;)) {
        displayItems();
    }
}
</script>
</body>
</html>
```

Output

Before refresh



After refresh



T.2-Create a local storage that saves the number of times you have accessed the page and displays it.

Code-

```
<!DOCTYPE html>
```

```

<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Page Access Count</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      margin: 0;
      padding: 0;
      background-color: #f4f4f4;
    }

    .container {
      max-width: 600px;
      margin: 50px auto;
      background-color: #fff;
      padding: 20px;
      border-radius: 5px;
      box-shadow: 0 2px 5px rgba(0, 0, 0, 0.1);
    }
  </style>
</head>
<body>
  <div class="container">
    <h1>Page Access Count</h1>
    <p id="accessCount"></p>
  </div>
  <script>
    document.addEventListener("DOMContentLoaded", function() {
      // Increment and save the page access count
      var pageAccessCount = parseInt(localStorage.getItem("pageAccessCount")) ||
0;
      pageAccessCount++;
      localStorage.setItem("pageAccessCount", pageAccessCount);

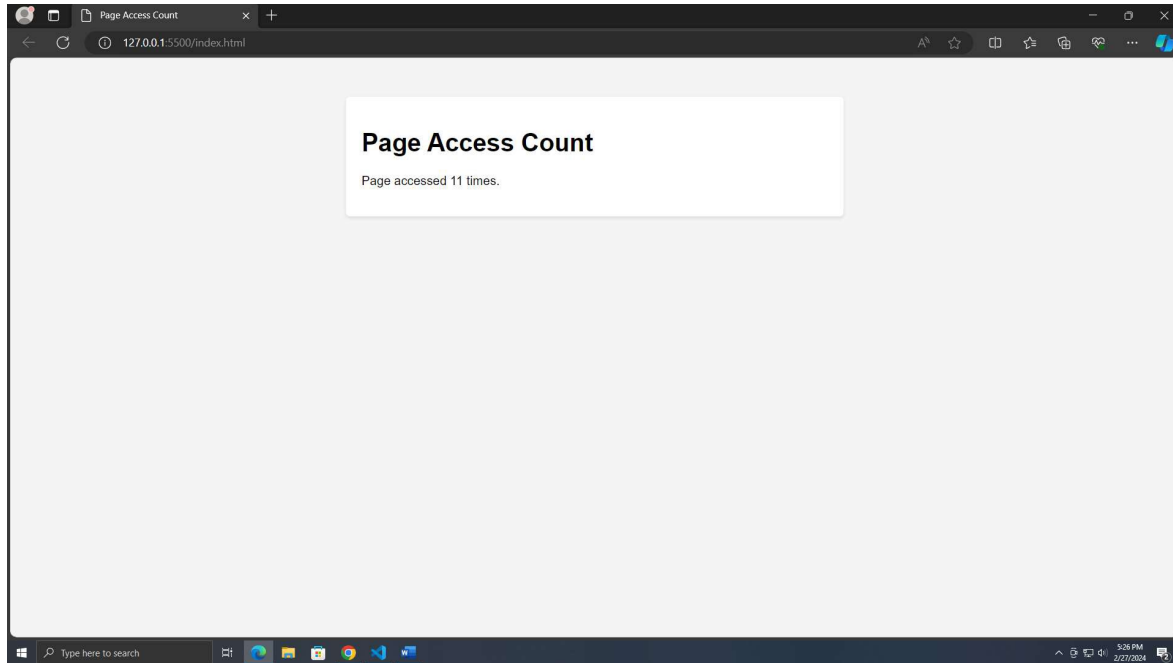
      // Display the page access count
      displayPageAccessCount(pageAccessCount);
    });

    function displayPageAccessCount(count) {
      var accessCountElement = document.getElementById("accessCount");
      accessCountElement.textContent = "Page accessed " + count + " times.";
    }
  </script>
</body>

```

```
</html>
```

Before Refreshing



After refreshing

