

## Lab Assignment 7

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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 {
        padding: 10px;
        margin: 5px;
        background-color: #f2f2f2;
    }
</style>
</head>
<body>
    <h1>Shopping List</h1>
    <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 = "";

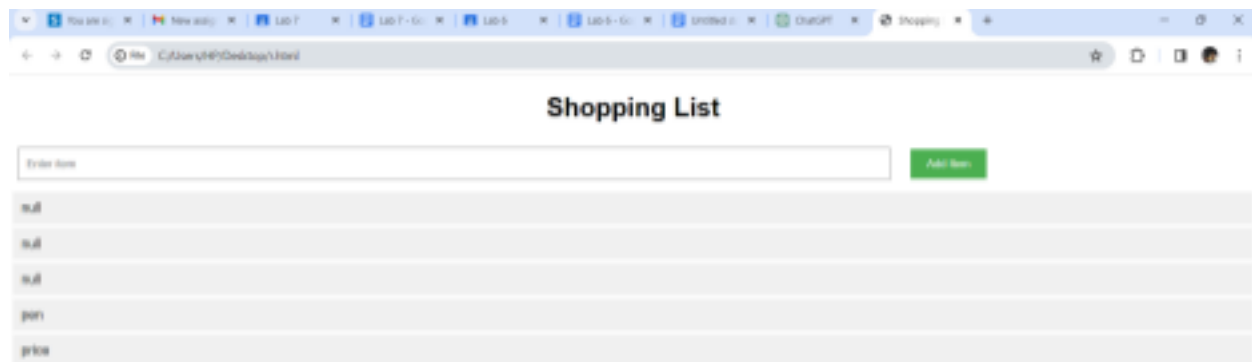
    var items = getShoppingList();
    items.forEach(function(item) {
        var li = document.createElement('li');
        li.appendChild(document.createTextNode(item));
        list.appendChild(li);
    });
}

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;

}

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: 10px;
margin: 5px;
background-color: #f2f2f2;
}
</style>
</head>
<body>
<h1>Shopping List</h1>
<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);
```

```

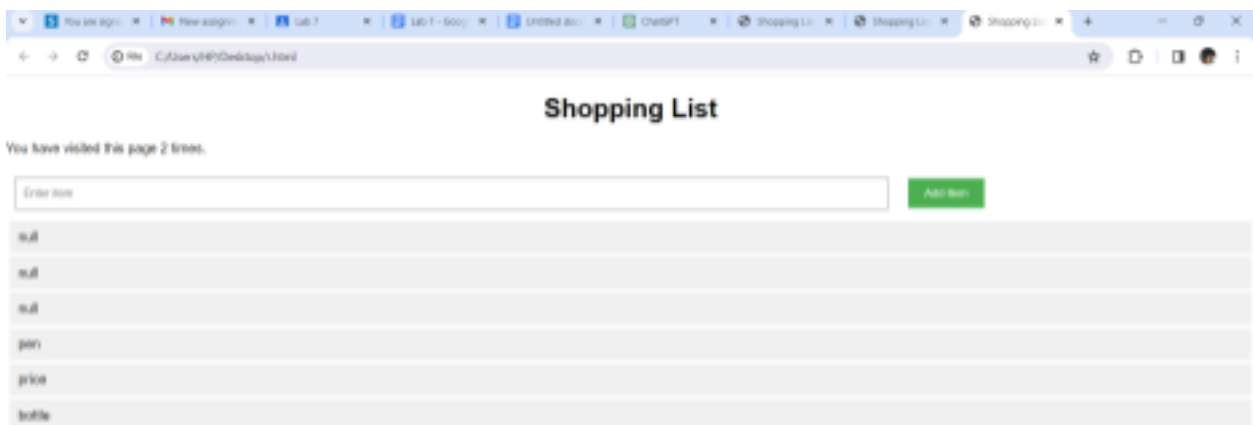
    });
}

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.

Add Item

|        |
|--------|
| null   |
| null   |
| null   |
| pan    |
| price  |
| brille |