

Lab Assignment 7

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Roll no.- 22IT3030

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);
            }
        }
    </script>

```

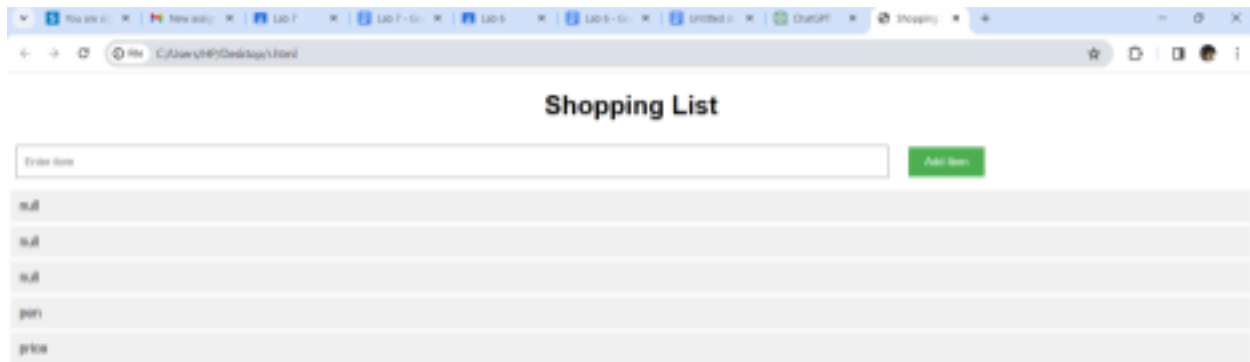
```
function displayShoppingList() {
    var list = document.getElementById('list');
    list.innerHTML = "";

    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);
    });
}

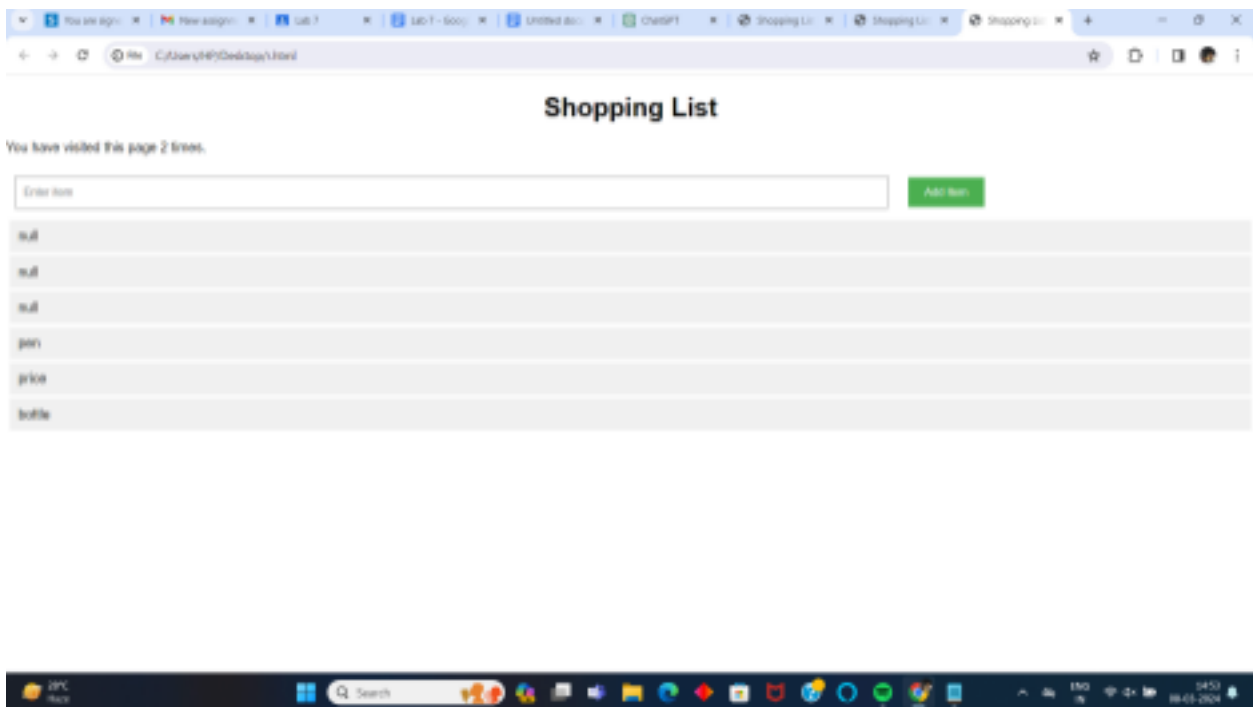
function addItemController() {
    var itemInput = document.getElementById('item');
    var itemValue = itemInput.value.trim();

```

```

        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

| |
|-------|
| add |
| add |
| add |
| pan |
| price |
| total |