

Lab Assignment 7

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Roll no.- 22lt3029

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);  
    });  
}
```

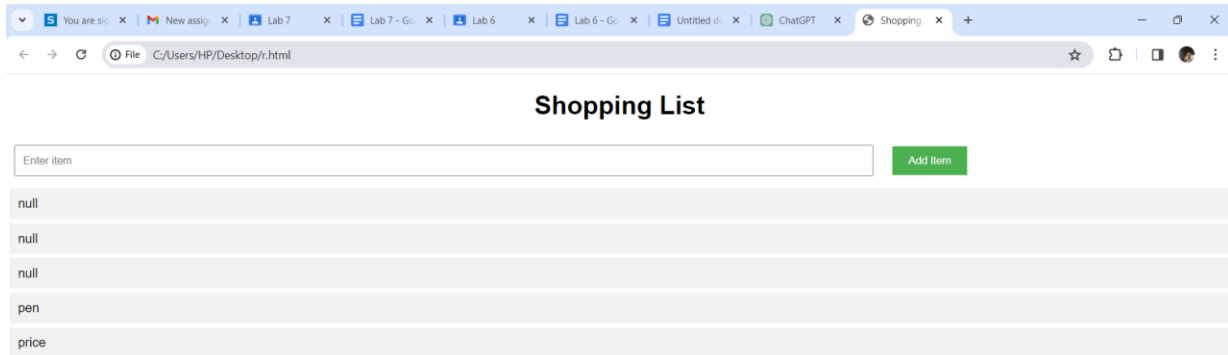
```
function addItemController() {  
    var itemInput = document.getElementById('item');  
    var itemValue = itemInput.value.trim();  
  
    if (itemValue !== "") {  
        addItem(itemValue)  
        ; itemInput.value =  
        "";  
    } else {  
        alert('Please enter an item!');  
    }  
}
```

```
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 0px;

```
x
;
margin
</style>
```

```
</head>
```

```
<body>
  <h1>Shopping List</h1>
```

```
:
5
p
x
;
background-color:
#f2f2f2;
```

<p>You have visited this page 0
times.</p>

<input type="text" id="item" placeholder="Enter item">
<button onclick="addItemController()">Add Item</button>
<ul id="list">

<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) {  
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```
function displayShoppingList() {  
    var list = document.getElementById('list');  
    list.innerHTML = "";  
  
    var items = getShoppingList();  
    items.forEach(function(item) {  
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        li.appendChild(document.createTextNode(item));  
        list.appendChild(li);  
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```
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>
```

