

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 {
```

```
}
```

```
p
```

```
a
```

```
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d
```

```
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```

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n
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g
```

```
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```

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```

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```

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g
```

```
i
```

```
n
```

```
:
```

```
5
```

```
p
```

```
x
```

```
;
```

```
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 = "";
```

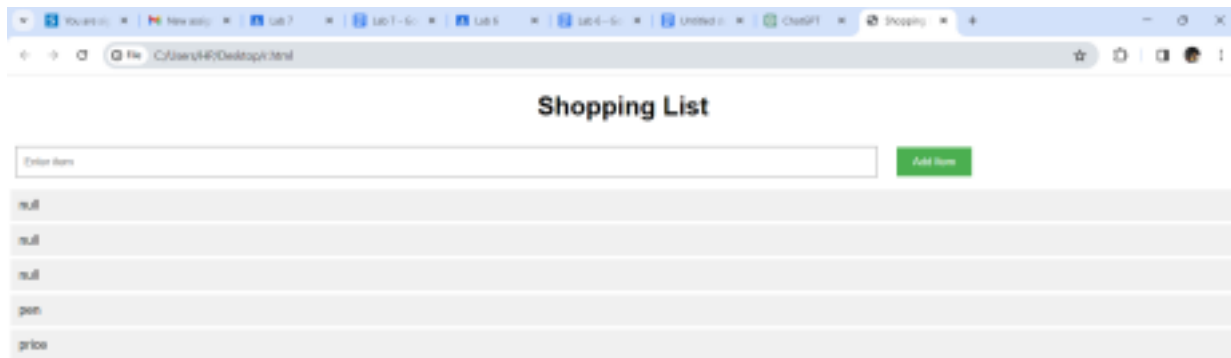
```
        var items = getShoppingList();
        items.forEach(function(item) {
            var li = document.createElement('li');
```

```
        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 {
```

p
a
d
d

```
}
```

i
n
g
:
1
0
p

x

:

;

5

m

p

a

```

                                x
r                                ;
g                                background-color: #f2f2f2;
i
n
    </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 !== "") {

```

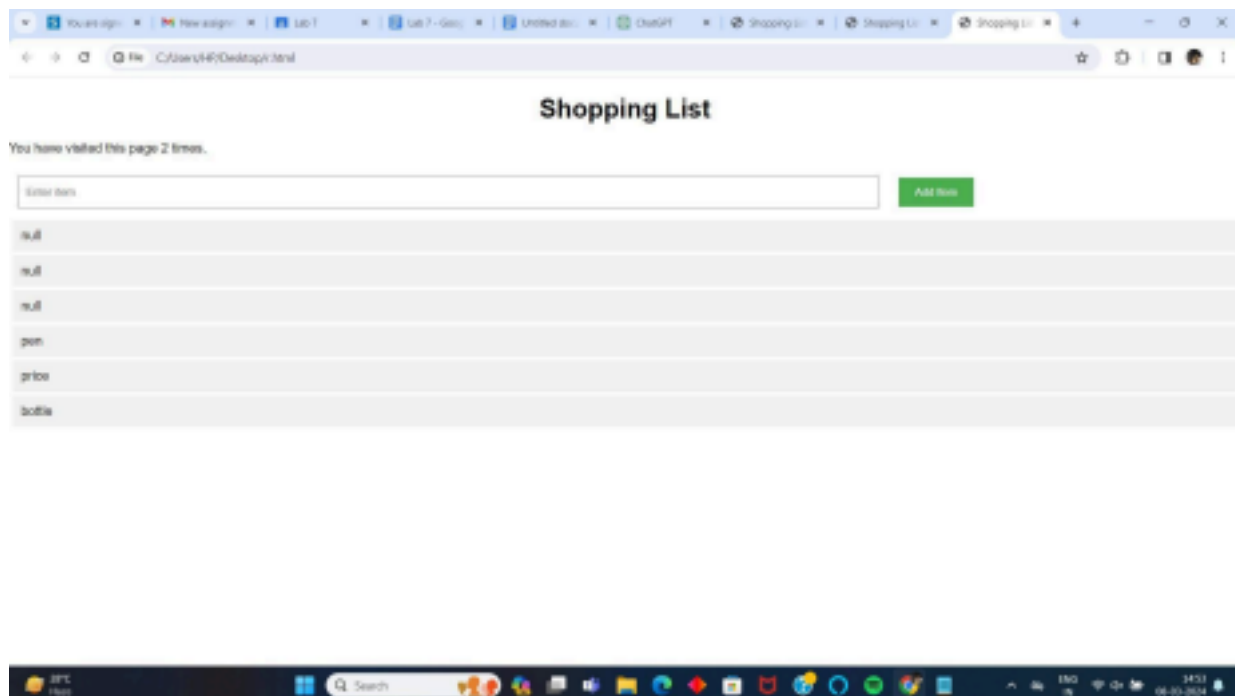


```

        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.

| |
|--------|
| null |
| null |
| null |
| pen |
| price |
| bottle |