WEB TECHNOLOGY LAB_6

Q.

```html
<!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;
      padding-top: 300px;
      padding-left: 600px;
      justify-content: center;
    }
    #shopping-list {
      margin: 20px;
    }
  </style>
</head>
<body>
<div class="bla">
  <h1><b>Shopping List</b></h1>
  <div id="shopping-list">
    <input type="text" id="item" placeholder="Add item here">
    <button onclick="addItem()">Add</button>
    <ul id="items-list" ></ul>
  </div>
</div>
  <script>
    function addItem() {
      const input = document.getElementById('item');
      const itemText = input.value.trim();
      if (itemText !== '') {
        const itemList = document.getElementById('items-list');
        const newItem = document.createElement('li');
        newItem.textContent = itemText;
        itemList.appendChild(newItem);
        input.value = '';
      }
    }
  </script>
</body>
</html>
```

output:

Shopping List

Add item here   Add

- macbook
- Apple Vision pro

USing MVC

```html
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Simple Shopping List</title>
  <style>
    body{
      font-family: Arial, sans-serif;
      padding-top: 300px;
      padding-left: 500px;
      justify-content: center;
    }
    .ank{
      padding-left: 100px;
      justify-content: center;
    }

  </style>
</head>
<body>
    <h1><b>Shopping List Using MVC</b></h1>
<div class="ank">
  <input type="text" id="itemInput" placeholder="add item">
  <button id="addItemBtn">Add Item</button>
  <ul id="itemList"></ul>
</div>


  <script>
    const shoppingListModel = {
      items: [],
      addItem(item) {
        this.items.push(item);
      },
      getItems() {
        return this.items;
      }
    };
```

```
41    const shoppingListView = {
42      displayItems() {
43        const itemList = document.getElementById('itemList');
44        itemList.innerHTML = '';
45
46        shoppingListModel.getItems().forEach(item => {
47          const li = document.createElement('li');
48          li.textContent = item;
49          itemList.appendChild(li);
50        });
51      }
52    };
53
54    const shoppingListController = {
55      init() {
56        this.addItemBtn = document.getElementById('addItemBtn');
57        this.itemInput = document.getElementById('itemInput');
58
59        this.addItemBtn.addEventListener('click', () => {
60          const newItem = this.itemInput.value.trim();
61          if (newItem !== '') {
62            shoppingListModel.addItem(newItem);
63            shoppingListView.displayItems();
64            this.itemInput.value = '';
65          }
66        });
67
68        shoppingListView.displayItems();
69      }
70    };
71
72    shoppingListController.init();
73  </script>
74 </body>
75 </html>
```

OUTPUT

Shopping List Using MVC

| add item | Add Item |

- macbook
- Apple Vision pro
- Maggie