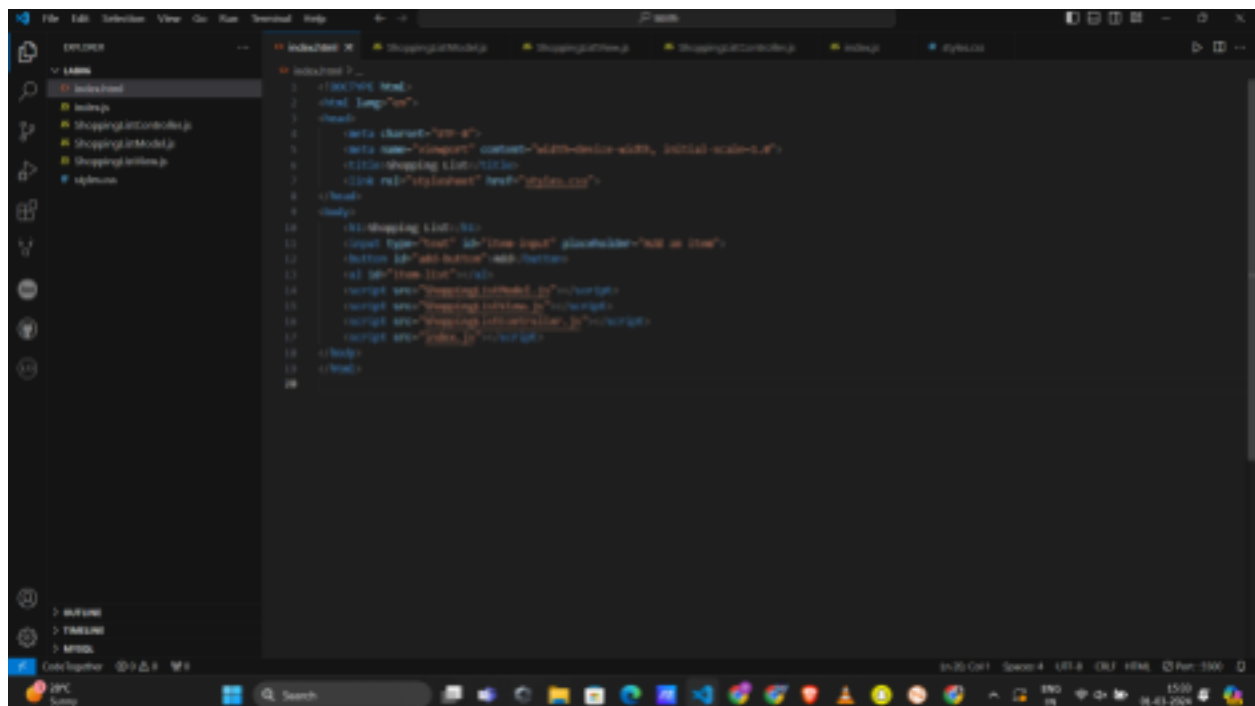


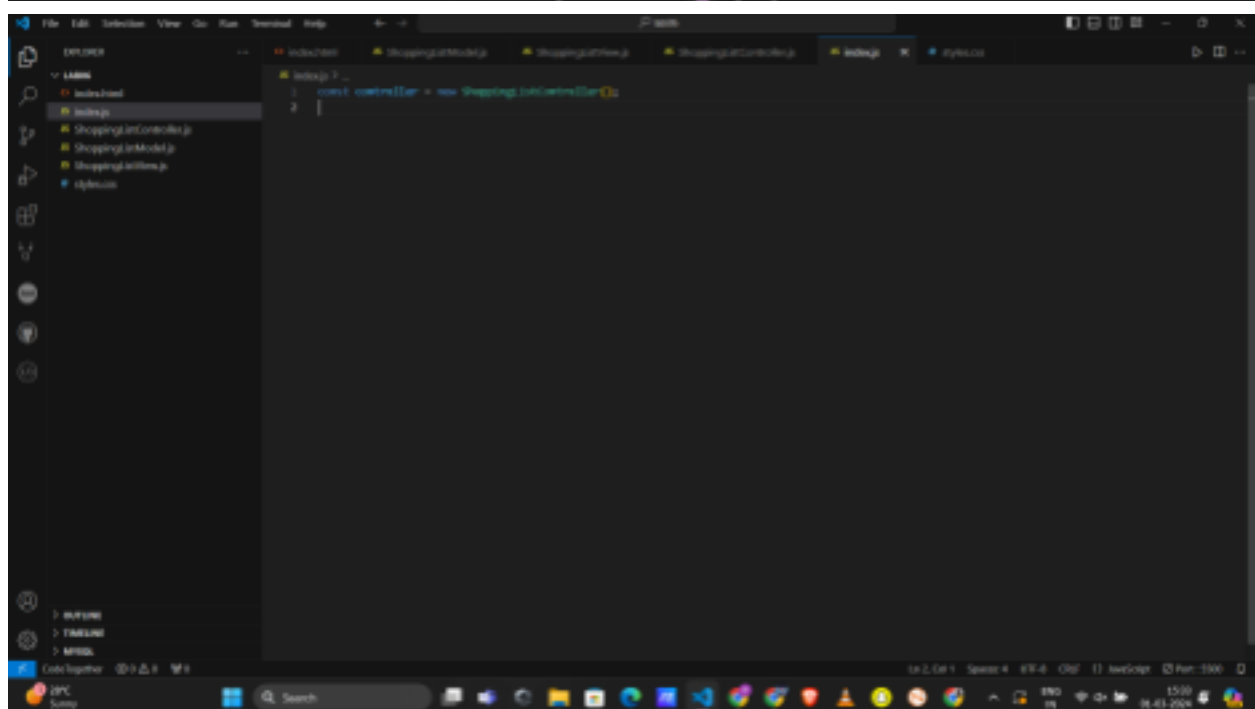
LAB-6

Name - HIMANSHU JAYANT

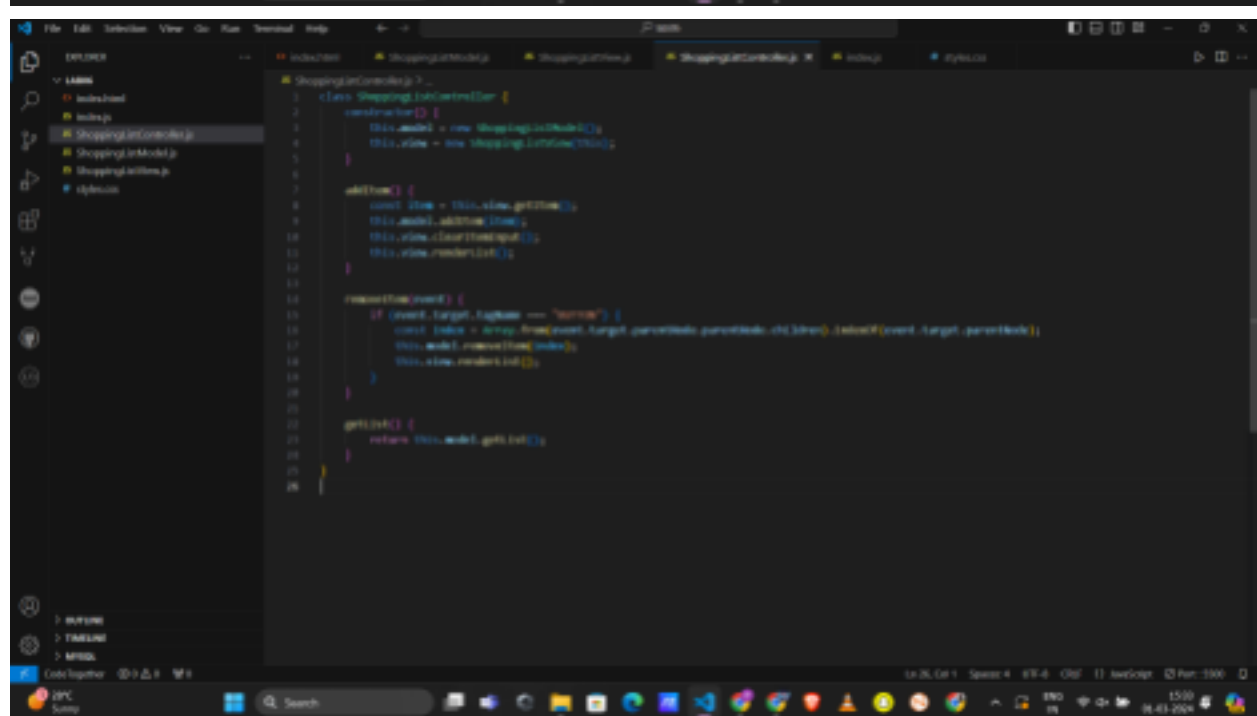
Roll No. - 22IT3015



```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Shopping List</title>
7   <link rel="stylesheet" href="styles.css">
8 </head>
9 <body>
10  <div>Shopping List</div>
11  <input type="text" id="new-input" placeholder="Add an item">
12  <button id="add-button">Add Item</button>
13  <ul id="new-list"></ul>
14  <script src="ShoppingList.js"></script>
15  <script src="ShoppingList.js"></script>
16  <script src="ShoppingList.js"></script>
17  <script src="index.js"></script>
18 </body>
19 </html>
20
```



```
1 const controller = new ShoppingListController();
2
```



```
File Edit Selection View Go Run Terminal Help
ShoppingApp.js
index.html ShoppingAppModel.js ShoppingAppView.js ShoppingAppController.js index.js styles.css

index.html
index.js
ShoppingAppController.js
ShoppingAppModel.js
ShoppingAppView.js
styles.css

class ShoppingAppView {
  constructor(controller) {
    this.controller = controller;
    this.itemList = document.getElementById("item-list");
    this.itemInput = document.getElementById("item-input");
    this.addButton = document.getElementById("add-button");

    this.addButton.addEventListener("click", () => this.controller.addItem());
    this.itemList.addEventListener("click", (event) => this.controller.removeItem(event));
  }

  renderItem() {
    this.itemList.innerHTML = "";
    this.controller.getItem().forEach((item, index) => {
      const li = document.createElement("li");
      const representation = document.createElement("div");
      representation.innerHTML = "Name: ";
      li.innerHTML = item + " ";
      representation.addEventListener("click", () => this.controller.removeItem(index));
      li.appendChild(representation);
      this.itemList.appendChild(li);
    });
  }

  getItem() {
    return this.itemInput.value.trim();
  }

  clearItemInput() {
    this.itemInput.value = "";
  }
}
```

```
File Edit Selection View Go Run Terminal Help
ShoppingApp.js
index.html ShoppingAppModel.js ShoppingAppView.js ShoppingAppController.js index.js styles.css

index.html
index.js
ShoppingAppController.js
ShoppingAppModel.js
ShoppingAppView.js
styles.css

class ShoppingAppModel {
  constructor() {
    this.itemList = [];
  }

  addItem(item) {
    if (item.trim() !== "") {
      this.itemList.push(item);
    }
  }

  removeItem(index) {
    this.itemList.splice(index, 1);
  }

  getItem() {
    return this.itemList;
  }
}
```



Shopping List

Add an item

- McLaren
- Bugatti
- Audi
- Mercedes
- Koenigsegg

