

DEV WEB

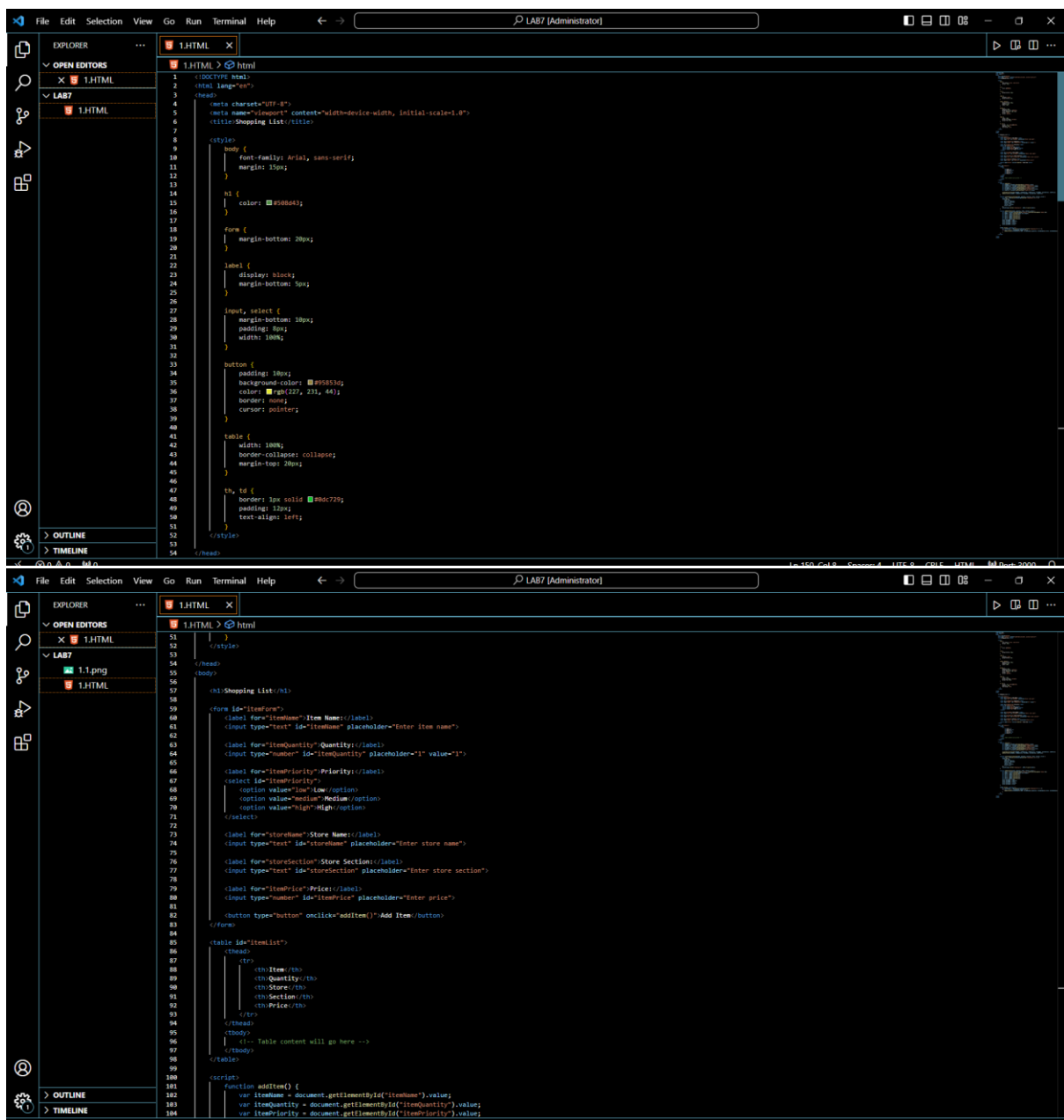
LAB 7

NAME:- HIMANSHU KAUSHAL

BRANCH:-CSE

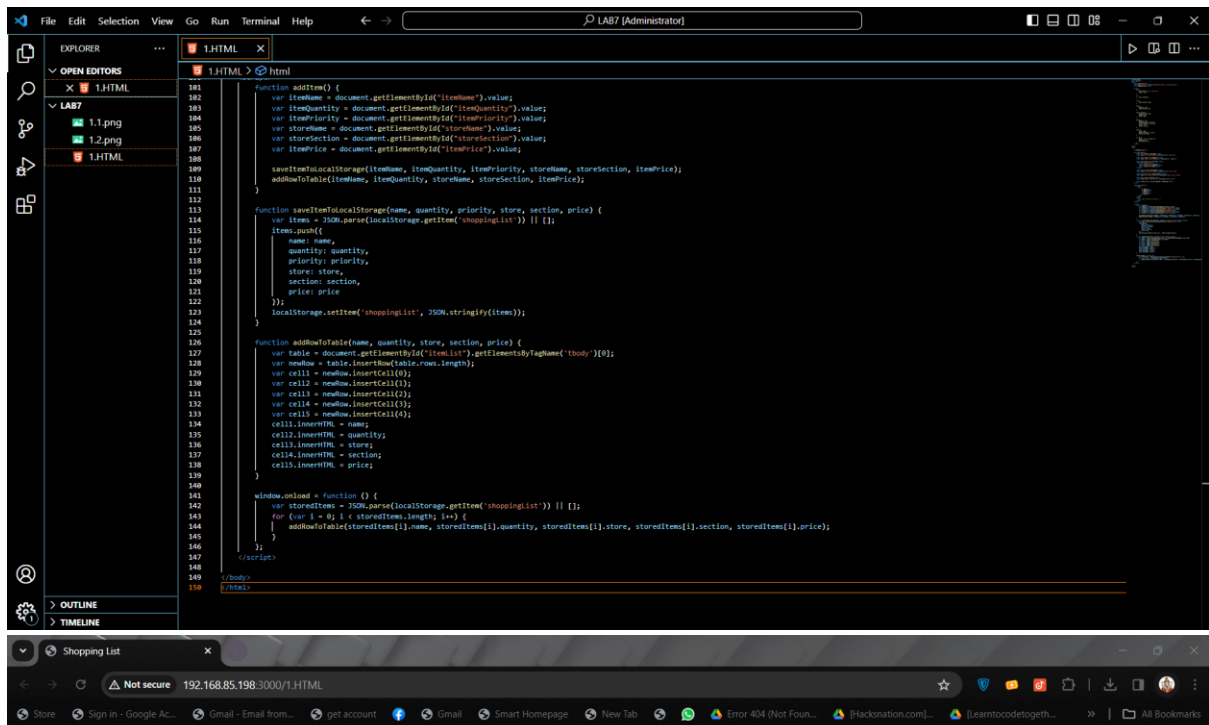
ROLL No.:- 22CS3027

Ques1.



The screenshot displays a web browser window with a dark theme. The address bar shows 'LAB7 (Administrator)'. The page contains a form for adding items to a shopping list and a table for the list itself.

```
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
8   <style>
9     body {
10       font-family: Arial, sans-serif;
11       margin: 10px;
12     }
13     h1 {
14       color: #008080;
15     }
16   </style>
17
18   <form>
19     <div>
20       <label>
21         <input type="text" id="itemName" placeholder="Enter item name" />
22       </label>
23       <label>
24         <input type="text" id="itemQuantity" placeholder="1" value="1" />
25       </label>
26       <label>
27         <input type="text" id="itemPriority" placeholder="1" value="1" />
28       </label>
29       <select id="itemPriority">
30         <option value="low">low</option>
31         <option value="medium">medium</option>
32         <option value="high">high</option>
33       </select>
34       <label>
35         <input type="text" id="storeName" placeholder="Enter store name" />
36       </label>
37       <label>
38         <input type="text" id="storeSection" placeholder="Enter store section" />
39       </label>
40       <label>
41         <input type="text" id="itemPrice" placeholder="Enter price" />
42       </label>
43       <button type="button" onclick="addItem()">Add Item</button>
44     </div>
45
46     <table id="itemList">
47       <thead>
48         <tr>
49           <th>Item</th>
50           <th>Quantity</th>
51           <th>Store</th>
52           <th>Section</th>
53           <th>Price</th>
54         </tr>
55       </thead>
56       <tbody>
57         <tr>
58           <td colspan="5">Table content will go here ->
59         </td>
60       </tbody>
61     </table>
62
63     <script>
64       function addItem() {
65         var itemName = document.getElementById("itemName").value;
66         var itemQuantity = document.getElementById("itemQuantity").value;
67         var itemPriority = document.getElementById("itemPriority").value;
68       }
69     </script>
70   </form>
71 </html>
```



Shopping List

Item Name:

Quantity:

Priority:

Store Name:

Store Section:

Price:

Add Item

Item	Quantity	Store	Section	Price
------	----------	-------	---------	-------



Ques2.

The image displays two screenshots of a Visual Studio Code editor window, showing the development of a web application. The top screenshot shows the initial HTML structure and CSS styling. The bottom screenshot shows the completed HTML structure with form elements and a table.

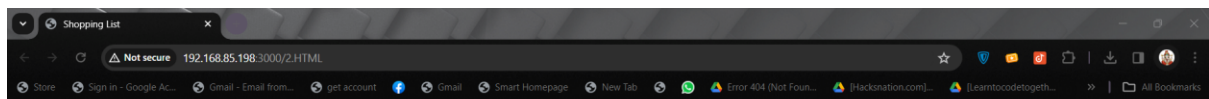
Top Screenshot (HTML and CSS):

```
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
8   <style>
9     body {
10       font-family: Arial, sans-serif;
11       margin: 20px;
12     }
13
14     h1 {
15       color: #e65454;
16     }
17
18     form {
19       margin-bottom: 20px;
20     }
21
22     label {
23       display: block;
24       margin-bottom: 5px;
25     }
26
27     input, select {
28       margin-bottom: 10px;
29       padding: 5px;
30       width: 100%;
31     }
32
33     button {
34       padding: 10px;
35       background-color: #e65454;
36       color: #fff;
37       border: none;
38       cursor: pointer;
39     }
40
41     table {
42       width: 100%;
43       border-collapse: collapse;
44       margin-top: 20px;
45     }
46
47     th, td {
48       border: 1px solid #e65454;
49       padding: 5px;
50       text-align: left;
51     }
52   </style>
53 </head>
54
```

Bottom Screenshot (HTML Structure):

```
55 <body>
56
57   <h1>Shopping List</h1>
58
59   <form id="itemForm">
60     <label for="itemName">Item Name:</label>
61     <input type="text" id="itemName" placeholder="Enter item name">
62
63     <label for="itemQuantity">Quantity:</label>
64     <input type="number" id="itemQuantity" placeholder="1" value="1">
65
66     <label for="itemPriority">Priority:</label>
67     <select id="itemPriority">
68       <option value="low">Low</option>
69       <option value="medium">Medium</option>
70       <option value="high">High</option>
71     </select>
72
73     <label for="storeName">Store Name:</label>
74     <input type="text" id="storeName" placeholder="Enter store name">
75
76     <label for="storeSection">Store Section:</label>
77     <input type="text" id="storeSection" placeholder="Enter store section">
78
79     <label for="itemPrice">Price:</label>
80     <input type="number" id="itemPrice" placeholder="Enter price">
81
82     <button type="button" onclick="addItem()">Add Item</button>
83   </form>
84
85   <table id="itemList">
86     <thead>
87       <tr>
88         <th>Item</th>
89         <th>Quantity</th>
90         <th>Store</th>
91         <th>Section</th>
92         <th>Price</th>
93       </tr>
94     </thead>
95     <tbody>
96       <tr>
97         <td colspan="5">Table content will go here -->
98       </tr>
99     </tbody>
100   </table>
101
102   <p id="accessCounter">Number of times accessed: 0</p>
103
104   <script>
105     function addItem() {
106       var itemName = document.getElementById("itemName").value;
107       var itemQuantity = document.getElementById("itemQuantity").value;
108       var itemPriority = document.getElementById("itemPriority").value;
109       var storeName = document.getElementById("storeName").value;
110       var storeSection = document.getElementById("storeSection").value;
111     }
112   </script>
113 </body>
114
```

```
108 var storeSection = document.getElementById("storeSection").value;
109 var itemPrice = document.getElementById("itemPrice").value;
110
111 saveItemToLocalStorage(itemName, itemQuantity, itemPriority, storeName, storeSection, itemPrice);
112 addNewItemToTable(itemName, itemQuantity, storeName, storeSection, itemPrice);
113 updateAccessCounter();
114
115
116
117 function saveItemToLocalStorage(name, quantity, priority, store, section, price) {
118     var items = JSON.parse(localStorage.getItem("shoppingList")) || [];
119     item.push({
120         name: name,
121         quantity: quantity,
122         priority: priority,
123         store: store,
124         section: section,
125         price: price
126     });
127     localStorage.setItem("shoppingList", JSON.stringify(items));
128
129
130 function addNewItemToTable(name, quantity, store, section, price) {
131     var table = document.getElementById("itemList").getElementsByTagName("tbody")[0];
132     var newRow = table.insertRow(table.rows.length);
133     var cell1 = newRow.insertCell(0);
134     var cell2 = newRow.insertCell(1);
135     var cell3 = newRow.insertCell(2);
136     var cell4 = newRow.insertCell(3);
137     cell1.innerHTML = name;
138     cell2.innerHTML = quantity;
139     cell3.innerHTML = store;
140     cell4.innerHTML = section;
141     cell5.innerHTML = price;
142 }
143
144 function updateAccessCounter() {
145     var accessCount = localStorage.getItem("accessCount") || 0;
146     accessCount++;
147     localStorage.setItem("accessCount", accessCount);
148     document.getElementById("accessCounter").innerText = "Number of times accessed: " + accessCount;
149 }
150
151 window.onload = function () {
152     var storedItems = JSON.parse(localStorage.getItem("shoppingList")) || [];
153     for (var i = 0; i < storedItems.length; i++) {
154         addNewItemToTable(storedItems[i].name, storedItems[i].quantity, storedItems[i].store, storedItems[i].section, storedItems[i].price);
155     }
156     updateAccessCounter();
157 }
158
159 </script>
160 </body>
161 </html>
```



Shopping List

Item Name:

Quantity:

Priority:

Store Name:

Store Section:

Price:

Item	Quantity	Store	Section	Price
------	----------	-------	---------	-------

Number of times accessed: 1