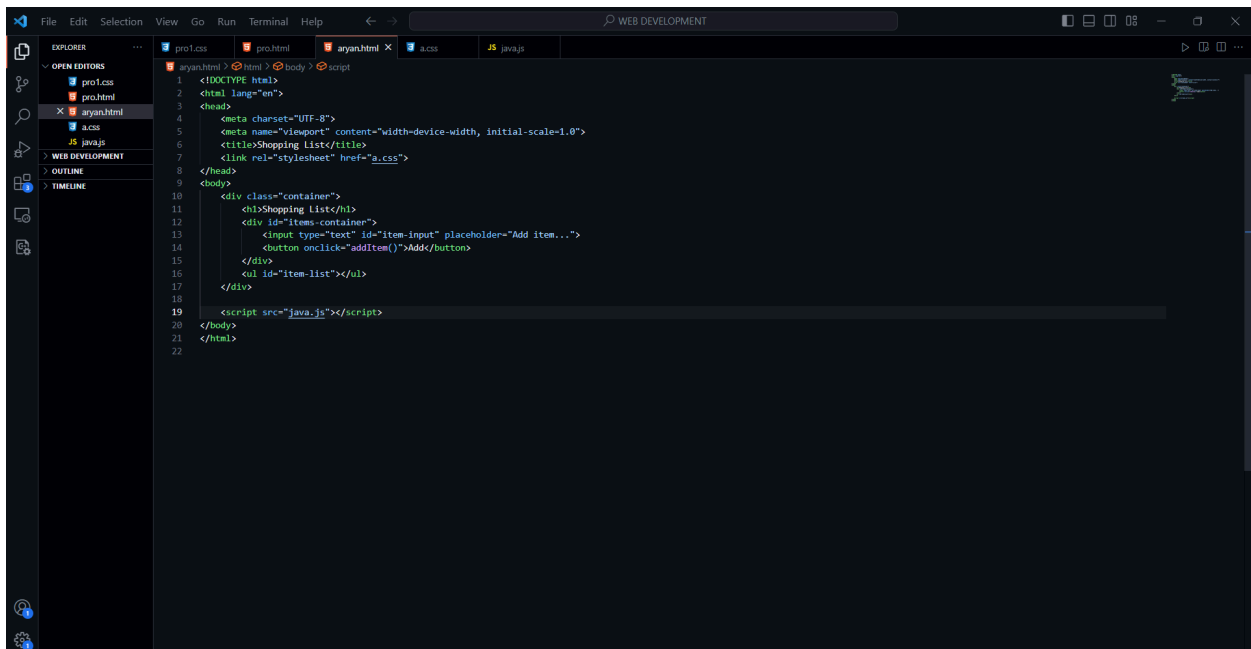


NAME : ARYAN KHAIWAL

ROLL NO. : 22CS2029

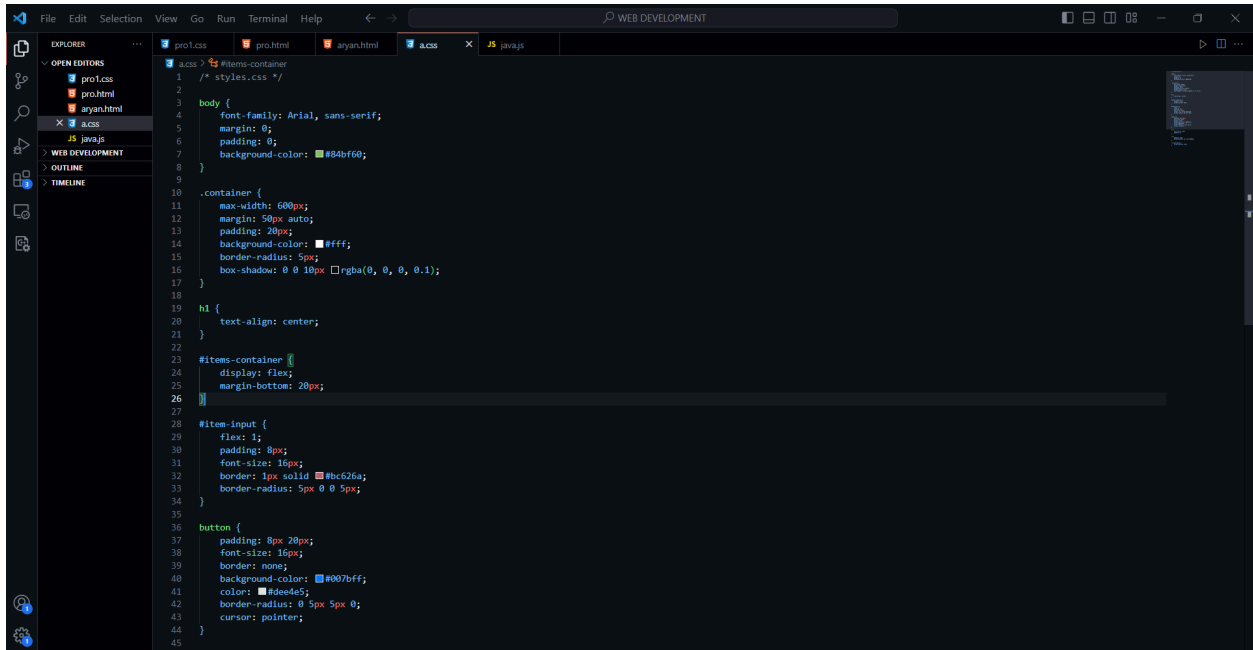
BATCH : I.D.D.

T1. Develop a single page application for Shopping List.
First develop a simple prototype
using html and javascript. Gradually develop a MVC based
prototype.

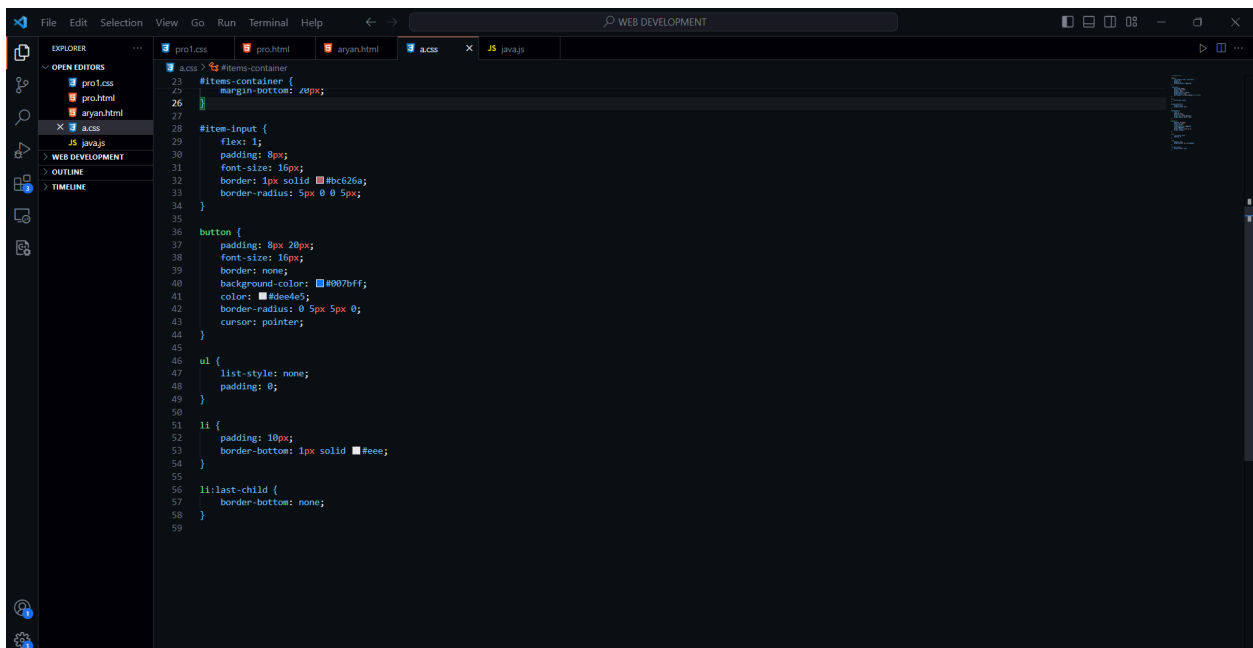


The screenshot shows a Visual Studio Code editor window with the file 'aryan.html' open. The Explorer sidebar on the left shows the project structure with files 'pro1.css', 'pro1.html', 'aryan.html', 'a.css', and 'js' under the 'WEB DEVELOPMENT' folder. The main editor area displays the following HTML code:

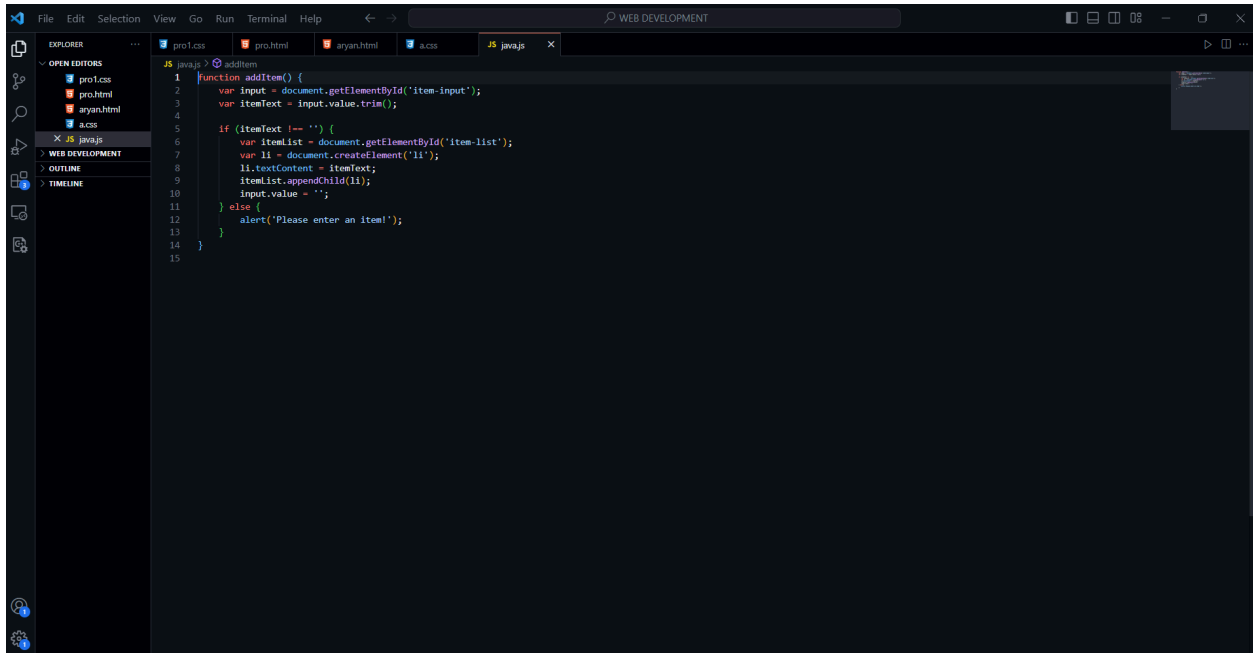
```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Shopping List</title>
7   <link rel="stylesheet" href="a.css">
8 </head>
9 <body>
10  <div class="container">
11    <h1>Shopping List</h1>
12    <div id="items-container">
13      <input type="text" id="item-input" placeholder="Add item...">
14      <button onclick="addItem()">Add</button>
15    </div>
16    <ul id="item-list"></ul>
17  </div>
18
19  <script src="java.js"></script>
20 </body>
21 </html>
22
```



```
1 /* styles.css */
2
3 body {
4   font-family: Arial, sans-serif;
5   margin: 0;
6   padding: 0;
7   background-color: #84b660;
8 }
9
10
11 .container {
12   max-width: 600px;
13   margin: 50px auto;
14   padding: 20px;
15   background-color: #fff;
16   border-radius: 5px;
17   box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
18 }
19
20 h1 {
21   text-align: center;
22 }
23
24 #items-container {
25   display: flex;
26   margin-bottom: 20px;
27 }
28
29 #item-input {
30   flex: 1;
31   padding: 8px;
32   font-size: 16px;
33   border: 1px solid #8c626a;
34   border-radius: 5px 0 0 5px;
35 }
36
37 button {
38   padding: 8px 20px;
39   font-size: 16px;
40   border: none;
41   background-color: #007bff;
42   color: #fff;
43   border-radius: 0 5px 5px 0;
44   cursor: pointer;
45 }
```



```
23 #items-container {
24   margin-bottom: 20px;
25 }
26
27
28 #item-input {
29   flex: 1;
30   padding: 8px;
31   font-size: 16px;
32   border: 1px solid #8c626a;
33   border-radius: 5px 0 0 5px;
34 }
35
36 button {
37   padding: 8px 20px;
38   font-size: 16px;
39   border: none;
40   background-color: #007bff;
41   color: #fff;
42   border-radius: 0 5px 5px 0;
43   cursor: pointer;
44 }
45
46 ul {
47   list-style: none;
48   padding: 0;
49 }
50
51 li {
52   padding: 10px;
53   border-bottom: 1px solid #eee;
54 }
55
56 li:last-child {
57   border-bottom: none;
58 }
59
```



```
1 function additem() {  
2   var input = document.getElementById('item-input');  
3   var itemText = input.value.trim();  
4  
5   if (itemText !== '') {  
6     var itemLi = document.getElementById('item-list');  
7     var li = document.createElement('li');  
8     li.textContent = itemText;  
9     itemLi.appendChild(li);  
10    input.value = '';  
11  } else {  
12    alert('Please enter an item!');  
13  }  
14 }  
15
```

