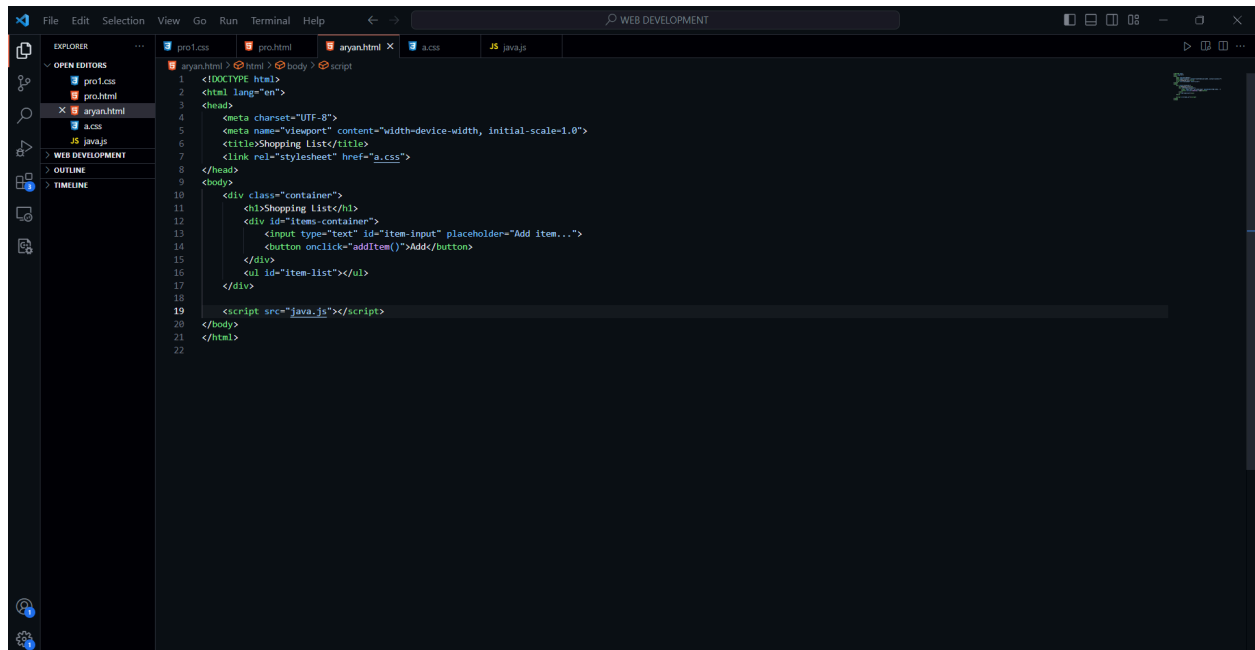
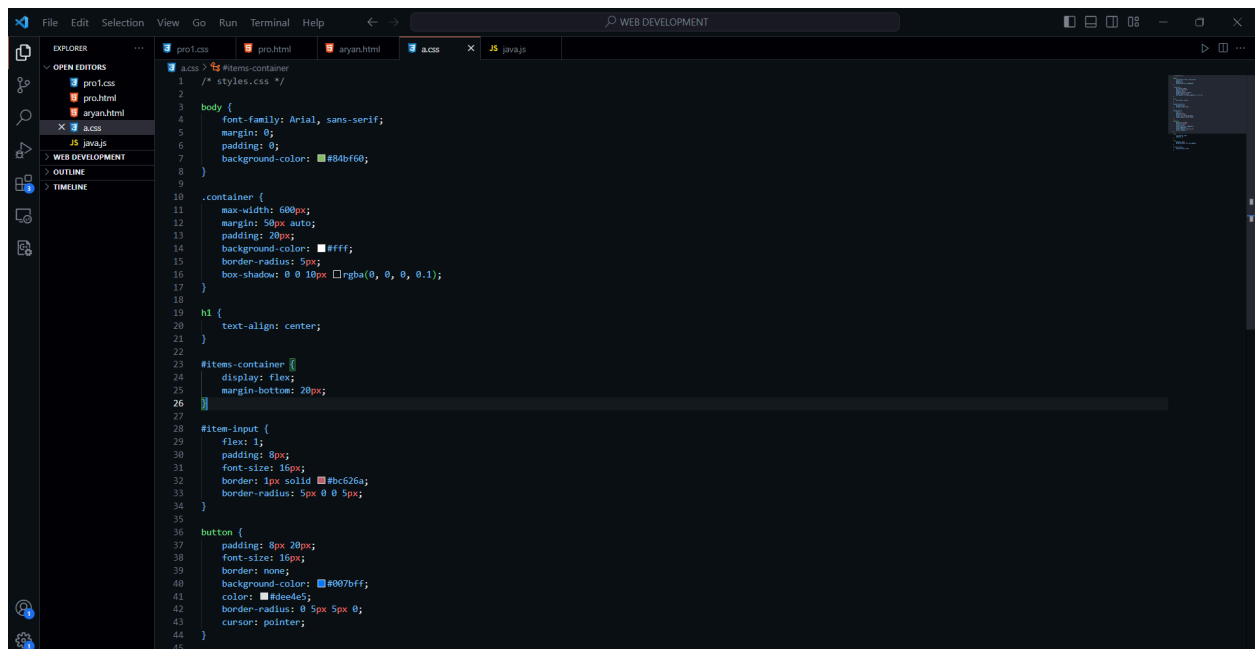


T1. Develop a single page application for Shopping List.
First develop a simple prototype
using html and javascript. Gradually develop a MVC based
prototype.



The screenshot shows the VS Code editor with the 'arian.html' file open. The code is an HTML document with a dark theme. It includes a DOCTYPE declaration, language and charset meta tags, a viewport meta tag, and a title 'Shopping List'. A link to 'a.css' is included in the head. The body contains a container div with a shopping list header, an input field with a placeholder 'Add item...', an 'Add' button, and an empty list with the id 'item-list'. A script tag for 'java.js' is at the bottom.

```
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
```



The screenshot shows the VS Code editor with the 'a.css' file open. The code is a CSS document with a dark theme. It defines styles for the body, container, h1, #items-container, #item-input, and button. The body has a background color of #84bf68. The container has a max-width of 600px, margin of 50px auto, padding of 20px, background color of #fff, border-radius of 5px, and a box-shadow. The h1 is centered. The #items-container is a flex container with a margin-bottom of 20px. The #item-input is a flex item with padding of 8px, font-size of 16px, border of 1px solid #4c26a, and border-radius of 5px. The button has padding of 8px 20px, font-size of 16px, border of none, background-color of #4007bfff, color of #4de4e5, border-radius of 5px, and cursor of pointer.

```
1 /* styles.css */
2
3 body {
4   font-family: Arial, sans-serif;
5   margin: 0;
6   padding: 0;
7   background-color: #84bf68;
8 }
9
10 .container {
11   max-width: 600px;
12   margin: 50px auto;
13   padding: 20px;
14   background-color: #fff;
15   border-radius: 5px;
16   box-shadow: 0 0 10px rgba(0, 0, 0, 0.1);
17 }
18
19 h1 {
20   text-align: center;
21 }
22
23 #items-container {
24   display: flex;
25   margin-bottom: 20px;
26 }
27
28 #item-input {
29   flex: 1;
30   padding: 8px;
31   font-size: 16px;
32   border: 1px solid #4c26a;
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: #4007bfff;
41   color: #4de4e5;
42   border-radius: 0 5px 5px 0;
43   cursor: pointer;
44 }
45
```

