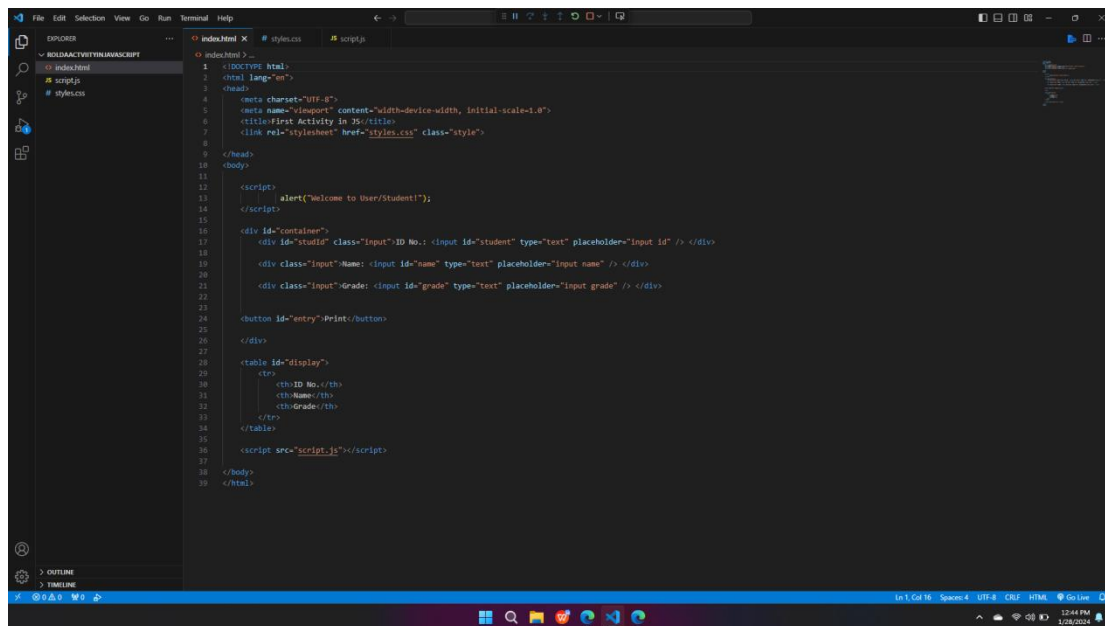


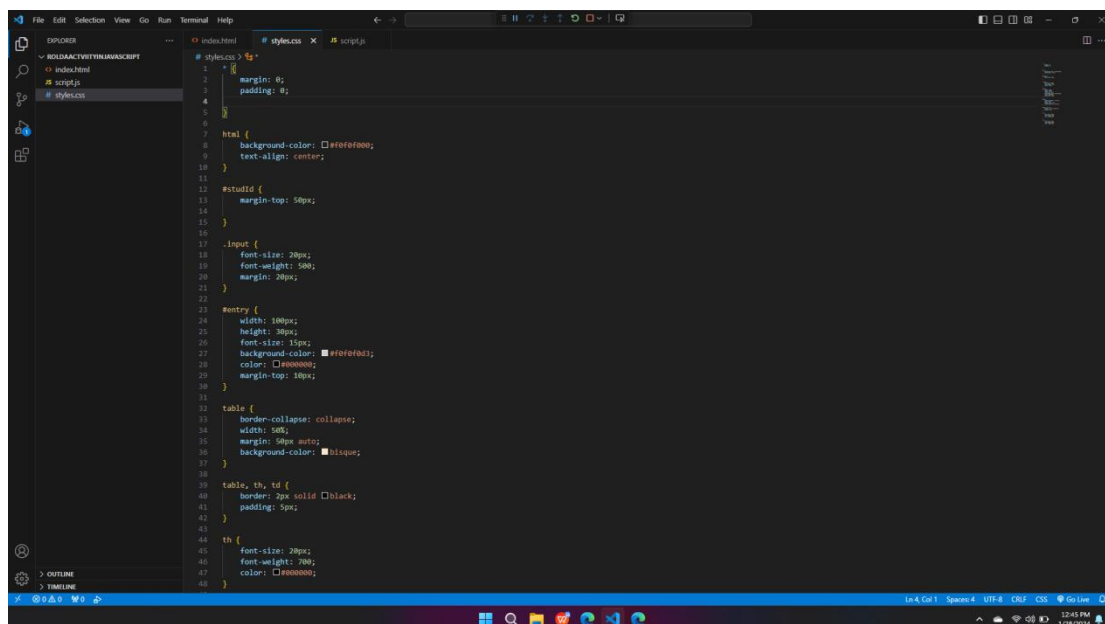
## ACTIVITY: Intro to JS

- **Source Code (index.html):**

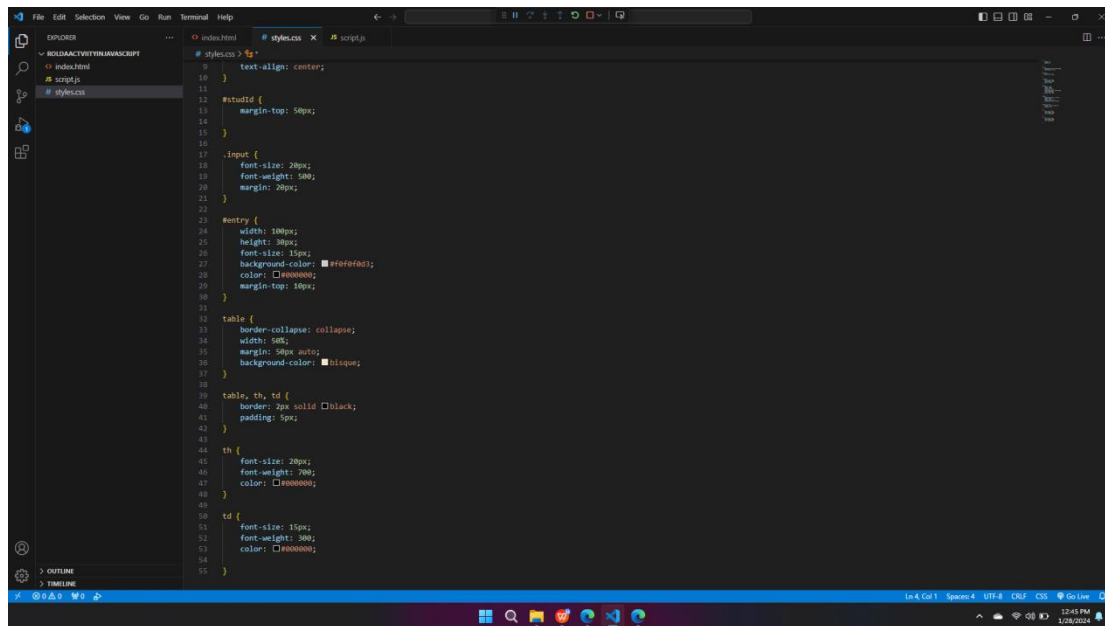


```
1 <!doctype html>
2 <html lang="en">
3 <head>
4   <meta charset="utf-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>First Activity in JS</title>
7   <link rel="stylesheet" href="styles.css" class="style">
8 </head>
9 <body>
10
11
12 <script>
13   alert("Welcome to User/Student!");
14 </script>
15
16 <div id="container">
17   <div id="studid" class="input">ID No.: <input id="student" type="text" placeholder="input id" /> </div>
18
19   <div class="input">Name: <input id="name" type="text" placeholder="input name" /> </div>
20
21   <div class="input">Grade: <input id="grade" type="text" placeholder="input grade" /> </div>
22
23   <button id="entry">Print</button>
24
25 </div>
26
27 <table id="display">
28   <tr>
29     <th>ID No.</th>
30     <th>Name</th>
31     <th>Grade</th>
32   </tr>
33 </table>
34
35 <script src="script.js"></script>
36
37 </body>
38 </html>
```

- **Source Code (styles.css):**



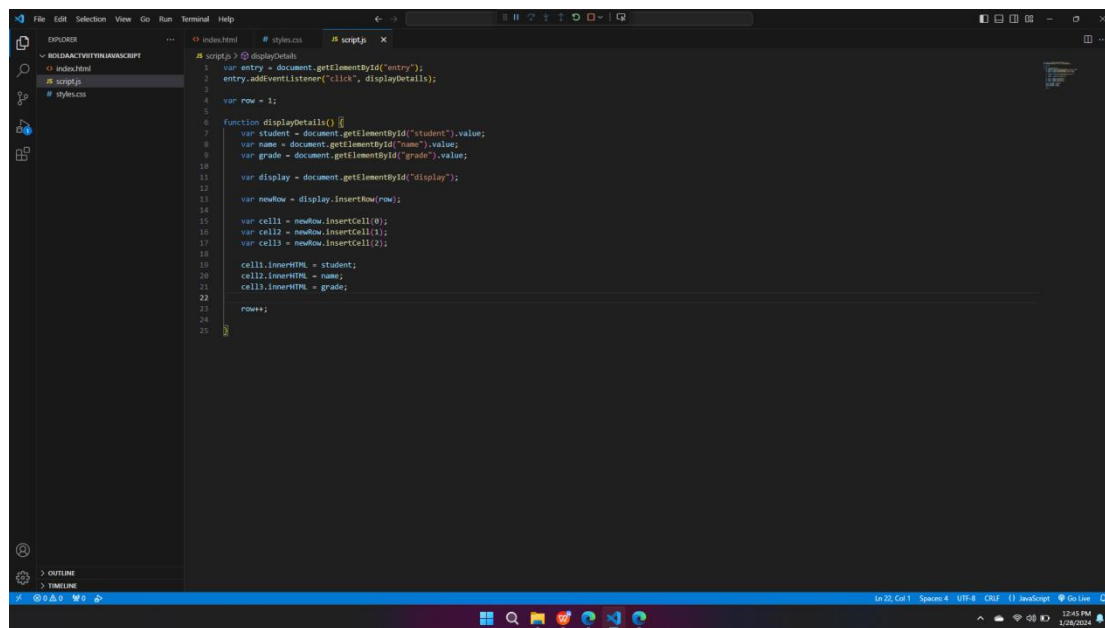
```
1 *
2   margin: 0;
3   padding: 0;
4
5
6
7 html {
8   background-color: #e0e0e0;
9   text-align: center;
10 }
11
12 #studid {
13   margin-top: 50px;
14 }
15
16
17 .input {
18   font-size: 20px;
19   font-weight: 500;
20   margin: 20px;
21 }
22
23 #entry {
24   width: 100px;
25   height: 30px;
26   font-size: 15px;
27   background-color: #e0e0e0;
28   color: #e0e0e0;
29   margin-top: 10px;
30 }
31
32 table {
33   border-collapse: collapse;
34   width: 50%;
35   margin: 50px auto;
36   background-color: #e0e0e0;
37 }
38
39 table, th, td {
40   border: 1px solid black;
41   padding: 5px;
42 }
43
44 th {
45   font-size: 20px;
46   font-weight: 700;
47   color: #e0e0e0;
48 }
```



A screenshot of the Visual Studio Code editor interface. The Explorer sidebar on the left shows a project named 'MOLDACTIVITYMANUSCRIPT' with files 'index.html', 'script.js', and 'styles.css'. The 'styles.css' file is open in the main editor. The code defines styles for an input field, an entry button, and a table. The table has a collapsed border and contains a header row with 'th' and 'td' elements. The status bar at the bottom indicates 'Ln 4, Col 1', 'Spaces: 4', 'UTF-8', 'CR/LF', 'CSS', and 'Go Live'.

```
# styles.css > %  
9 text-align: center;  
10 }  
11  
12 #studid {  
13 margin-top: 50px;  
14 }  
15  
16  
17 .input {  
18 font-size: 20px;  
19 font-weight: 500;  
20 margin: 20px;  
21 }  
22  
23 #entry {  
24 width: 100px;  
25 height: 30px;  
26 font-size: 15px;  
27 background-color: #444444;  
28 color: #ffffff;  
29 margin-top: 10px;  
30 }  
31  
32 table {  
33 border-collapse: collapse;  
34 width: 90%;  
35 margin: 50px auto;  
36 background-color: #ffffff;  
37 }  
38  
39 table, th, td {  
40 border: 1px solid #000;  
41 padding: 5px;  
42 }  
43  
44 th {  
45 font-size: 20px;  
46 font-weight: 700;  
47 color: #000000;  
48 }  
49  
50 td {  
51 font-size: 15px;  
52 font-weight: 300;  
53 color: #000000;  
54 }  
55 }
```

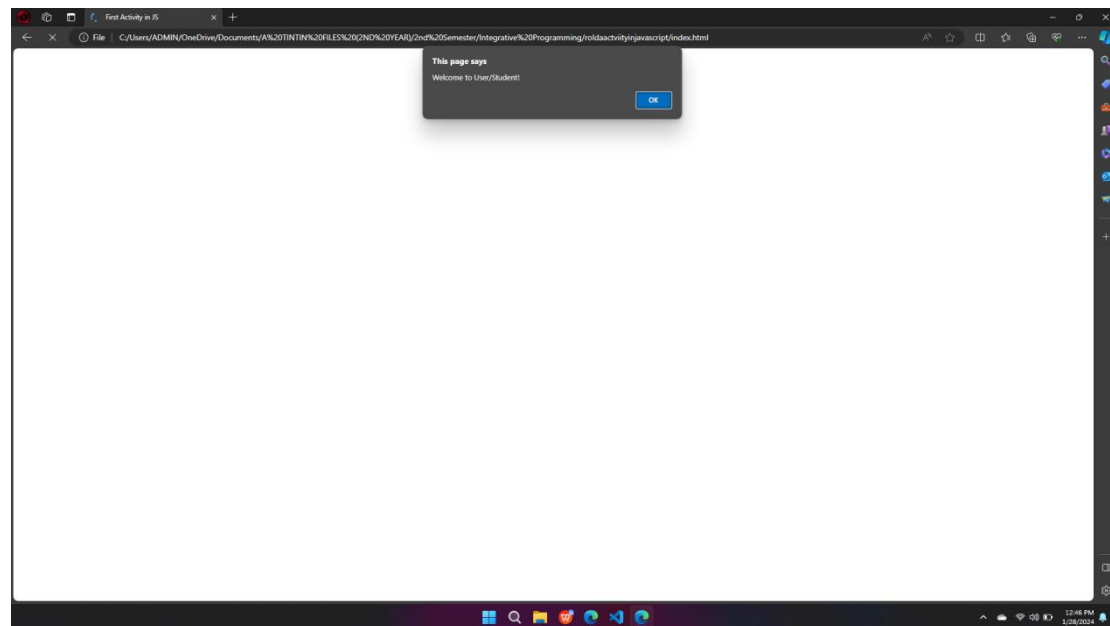
- Source Code (script.js):



A screenshot of the Visual Studio Code editor interface. The Explorer sidebar on the left shows the same project with 'index.html', 'script.js', and 'styles.css'. The 'script.js' file is open in the main editor. The code defines a 'displayDetails' function that takes values from form fields and inserts them into a table. The status bar at the bottom indicates 'Ln 22, Col 1', 'Spaces: 4', 'UTF-8', 'CR/LF', 'JavaScript', and 'Go Live'.

```
# script.js > %  
1 var entry = document.getElementById("entry");  
2 entry.addEventListener("click", displayDetails);  
3  
4 var row = 1;  
5  
6 function displayDetails() {  
7 var student = document.getElementById("student").value;  
8 var name = document.getElementById("name").value;  
9 var grade = document.getElementById("grade").value;  
10  
11 var display = document.getElementById("display");  
12  
13 var newrow = display.insertRow(row);  
14  
15 var cell1 = newrow.insertCell(0);  
16 var cell2 = newrow.insertCell(1);  
17 var cell3 = newrow.insertCell(2);  
18  
19 cell1.innerHTML = student;  
20 cell2.innerHTML = name;  
21 cell3.innerHTML = grade;  
22  
23 row++;  
24  
25 }
```

- **Output (for Part A):**



- **Output (for Part B):**

