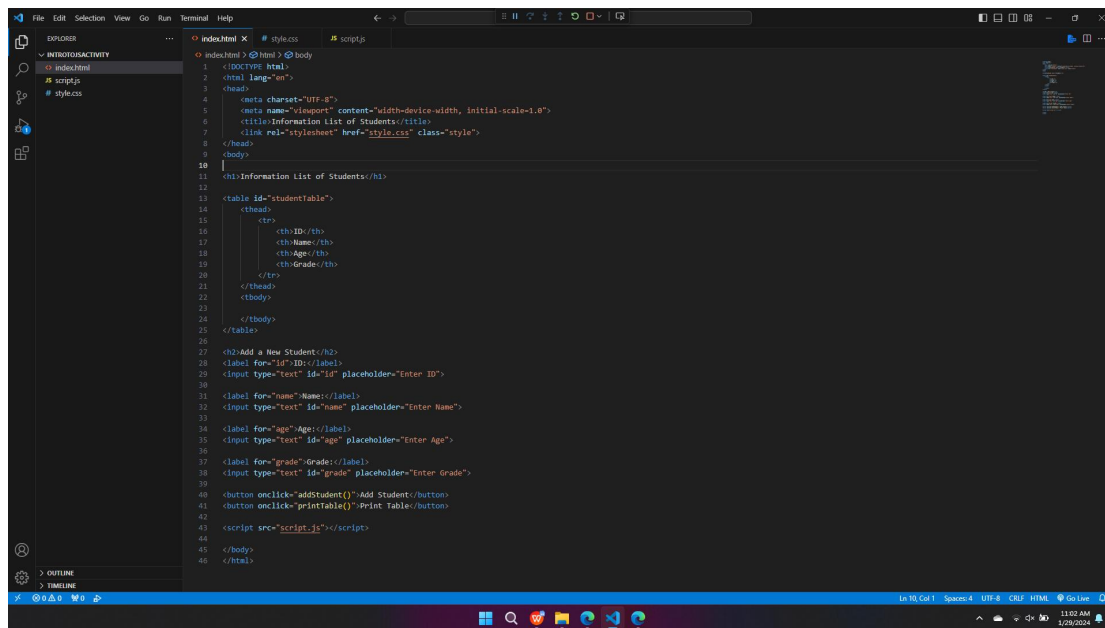


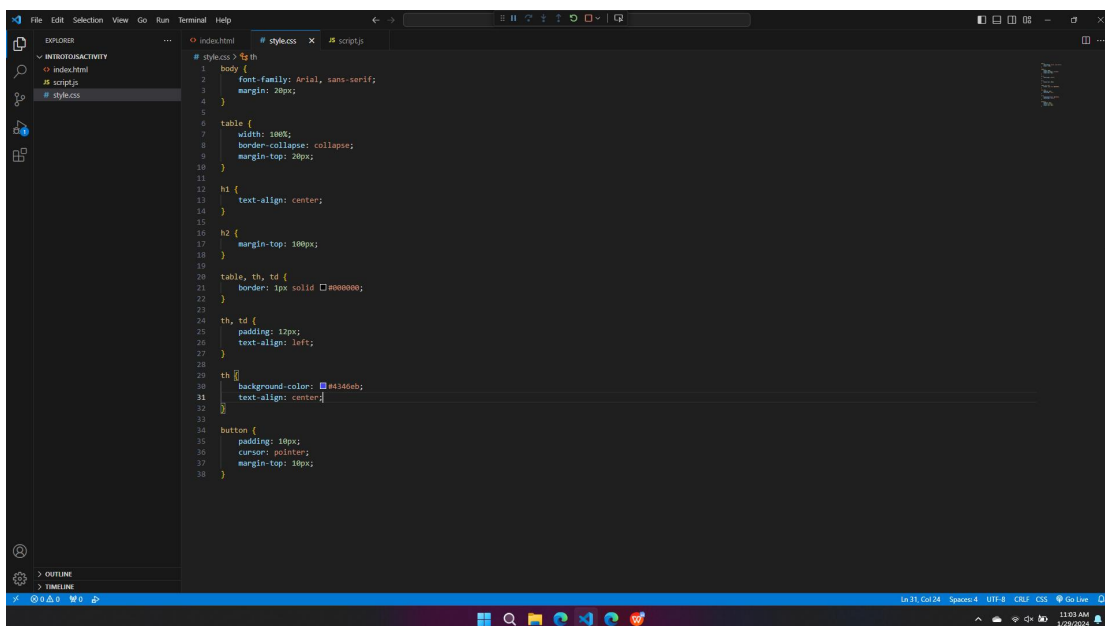
## ACTIVITY: Intro to JS

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



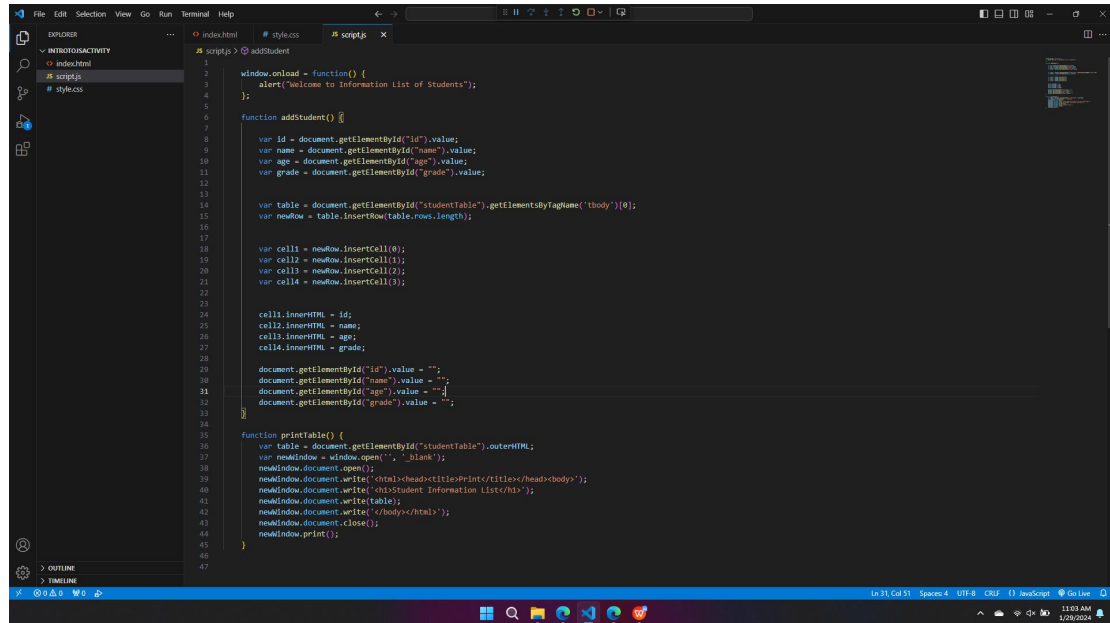
```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta name="viewport" content="width=device-width, initial-scale=1.0">
6   <title>Information List of Students</title>
7   <link rel="stylesheet" href="style.css" class="style">
8 </head>
9 <body>
10
11 <h1>Information List of Students</h1>
12
13 <table id="studentTable">
14   <thead>
15     <tr>
16       <th>ID</th>
17       <th>Name</th>
18       <th>Age</th>
19       <th>Grade</th>
20     </tr>
21   </thead>
22   <tbody>
23
24   </tbody>
25 </table>
26
27 <h2>Add a New Student</h2>
28 <label for="id">ID</label>
29 <input type="text" id="id" placeholder="Enter ID">
30
31 <label for="name">Name</label>
32 <input type="text" id="name" placeholder="Enter Name">
33
34 <label for="age">Age</label>
35 <input type="text" id="age" placeholder="Enter Age">
36
37 <label for="grade">Grade</label>
38 <input type="text" id="grade" placeholder="Enter Grade">
39
40 <button onclick="addStudent()">Add Student</button>
41 <button onclick="printTable()">Print Table</button>
42
43 <script src="script.js"></script>
44
45 </body>
46 </html>
```

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



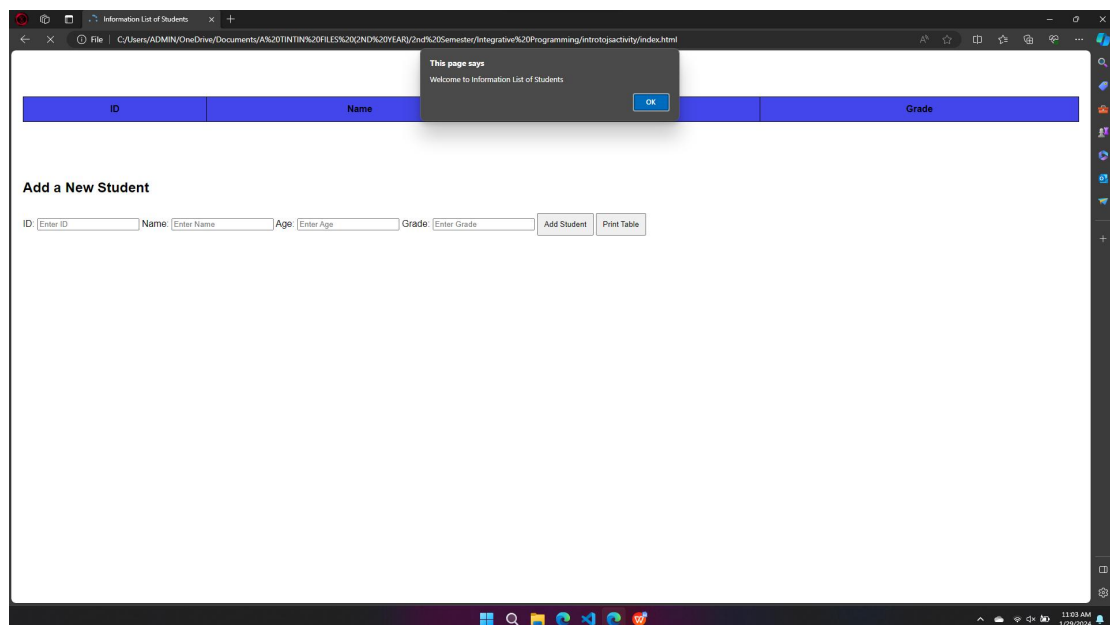
```
1 body {
2   font-family: Arial, sans-serif;
3   margin: 20px;
4 }
5
6 table {
7   width: 100%;
8   border-collapse: collapse;
9   margin-top: 20px;
10 }
11
12 h1 {
13   text-align: center;
14 }
15
16 h2 {
17   margin-top: 100px;
18 }
19
20 table, th, td {
21   border: 1px solid #000000;
22 }
23
24 th, td {
25   padding: 10px;
26   text-align: left;
27 }
28
29 th {
30   background-color: #e4e4e4;
31   text-align: center;
32 }
33
34 button {
35   padding: 10px;
36   cursor: pointer;
37   margin-top: 10px;
38 }
```

- Source Code (script.js):



```
1
2
3 window.onload = function() {
4     alert("Welcome to Information List of Students");
5 };
6
7 function addStudent() {
8     var id = document.getElementById("id").value;
9     var name = document.getElementById("name").value;
10    var age = document.getElementById("age").value;
11    var grade = document.getElementById("grade").value;
12
13    var table = document.getElementById("StudentTable").getElementsByTagName('tbody')[0];
14    var newRow = table.insertRow(table.rows.length);
15
16
17    var cell1 = newRow.insertCell(0);
18    var cell2 = newRow.insertCell(1);
19    var cell3 = newRow.insertCell(2);
20    var cell4 = newRow.insertCell(3);
21
22
23    cell1.innerHTML = id;
24    cell2.innerHTML = name;
25    cell3.innerHTML = age;
26    cell4.innerHTML = grade;
27
28    document.getElementById("id").value = "";
29    document.getElementById("name").value = "";
30    document.getElementById("age").value = "";
31    document.getElementById("grade").value = "";
32
33
34
35
36 function printTable() {
37     var table = document.getElementById("StudentTable").outerHTML;
38     var newWindow = window.open("", "_blank");
39     newWindow.document.open();
40     newWindow.document.write("<html><head><title>Print</title></head><body>");
41     newWindow.document.write("<h3>Student Information List</h3>");
42     newWindow.document.write(table);
43     newWindow.document.write("</body></html>");
44     newWindow.document.close();
45     newWindow.print();
46
47 }
```

- Output (for Part A):



● **Output (for Part B):**

Information List of Students

ID	Name	Age	Grade
07210326	Christine Rolda	20	92.1
07210327	Alayssa Silva	23	92.1
07210328	John Rey Apable	21	92.1

Add a New Student

ID:  Name:  Age:  Grade:

Print

total: 1 sheet of paper

Printer: Microsoft Print to PDF

Copies: 1

Layout: ☒ Portrait ☐ Landscape

Pages: ☒ All ☐ e.g. 1-5, 8, 11-13

Color: ☒ Color ☐ Black and white

More settings >

Print using system dialog... (Ctrl+Shift+P)

Student Information List

ID	Name	Age	Grade
07210326	Christine Rolda	20	92.1
07210327	Alayssa Silva	23	92.1
07210328	John Rey Apable	21	92.1

