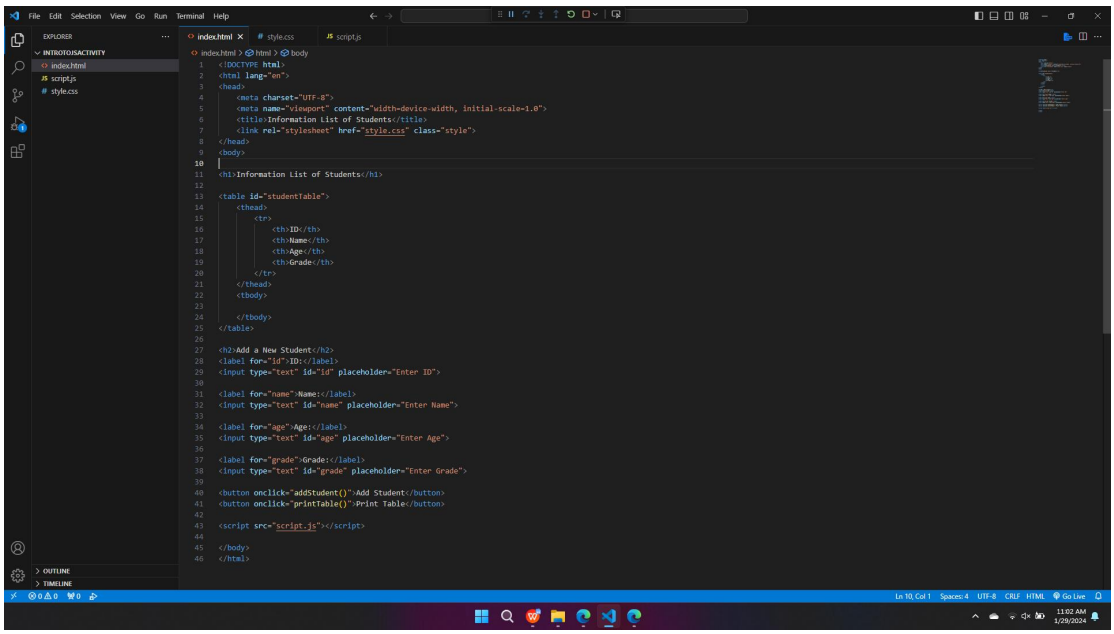
ROLDA, Christine Mae B.
Block A - IT PC 222 (Integrative Programming)

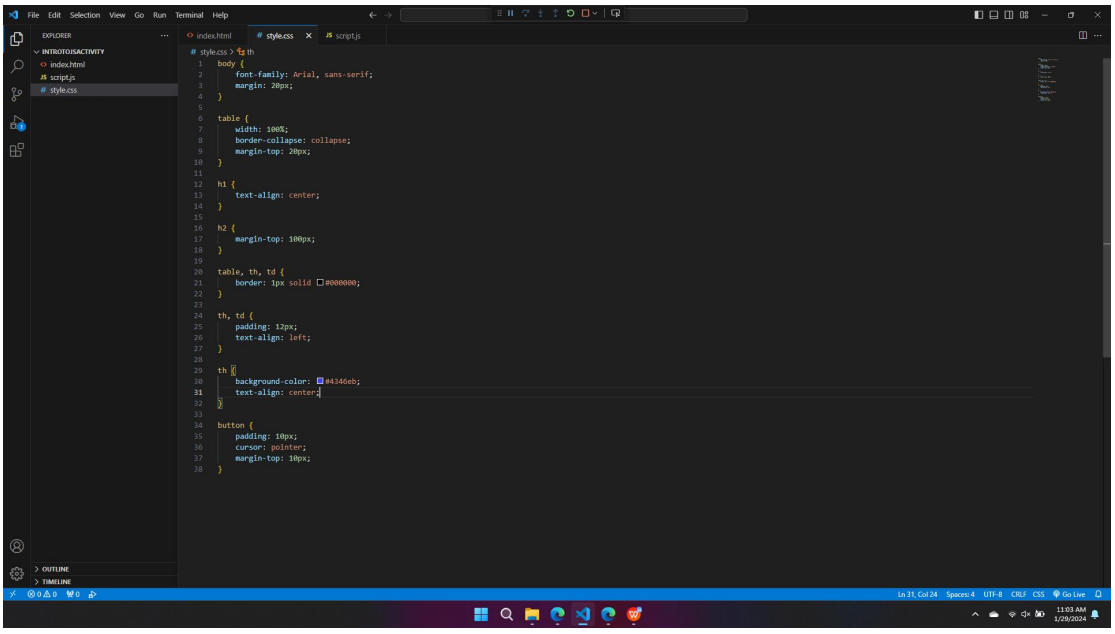
ACTIVITY: Intro to JS

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



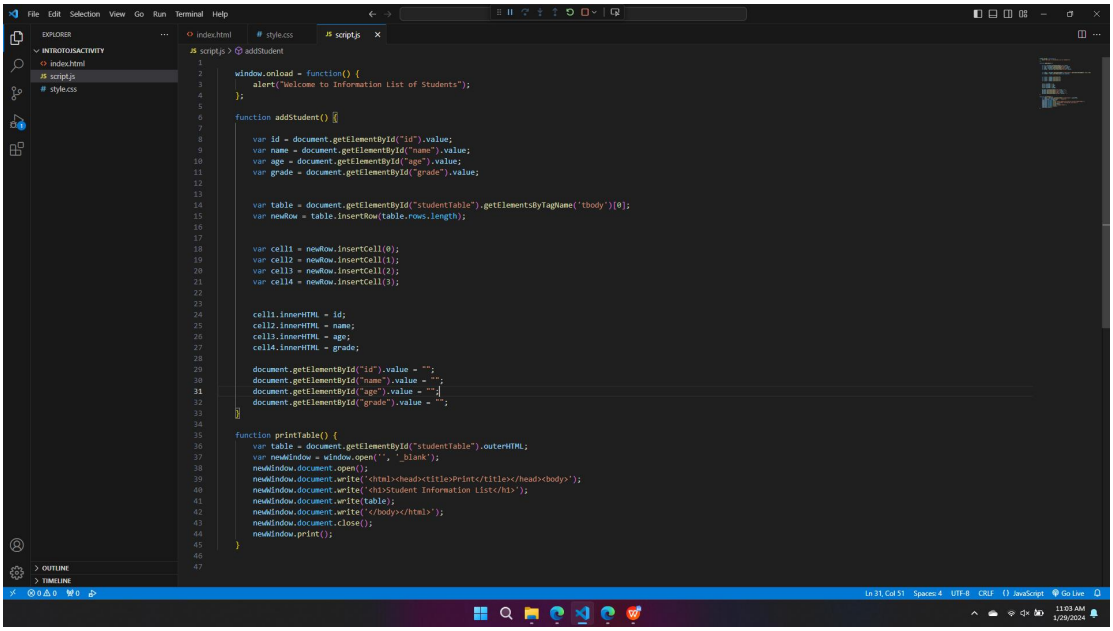
```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Information List of Students</title>
    <link rel="stylesheet" href="style.css" class="style">
</head>
<body>

<h1>Information List of Students</h1>

<table id="studentTable">
    <thead>
        <tr>
            <th>ID</th>
            <th>Name</th>
            <th>Age</th>
            <th>Grade</th>
        </tr>
    </thead>
    <tbody>

    </tbody>
</table>

<h2>Add a New Student</h2>
<label for="id">ID:</label>
<input type="text" id="id" placeholder="Enter ID">

<label for="name">Name:</label>
<input type="text" id="name" placeholder="Enter Name">

<label for="age">Age:</label>
<input type="text" id="age" placeholder="Enter Age">

<label for="grade">Grade:</label>
<input type="text" id="grade" placeholder="Enter Grade">

<button onclick="addStudent()">Add Student</button>
<button onclick="printTable()">Print Table</button>

<script src="script.js"></script>

</body>
</html>
```

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



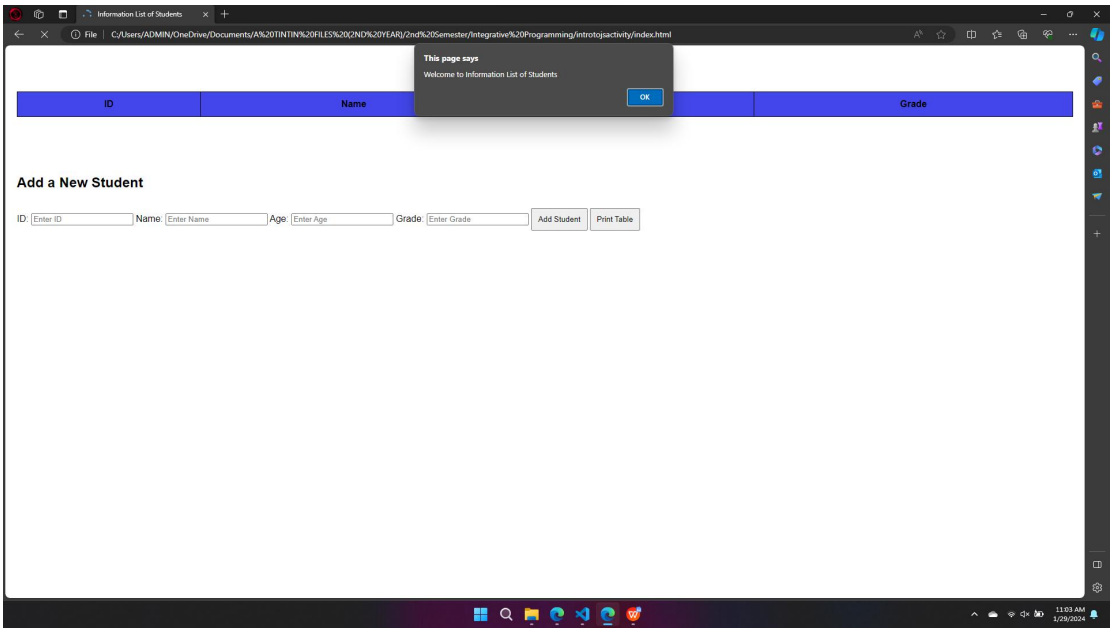
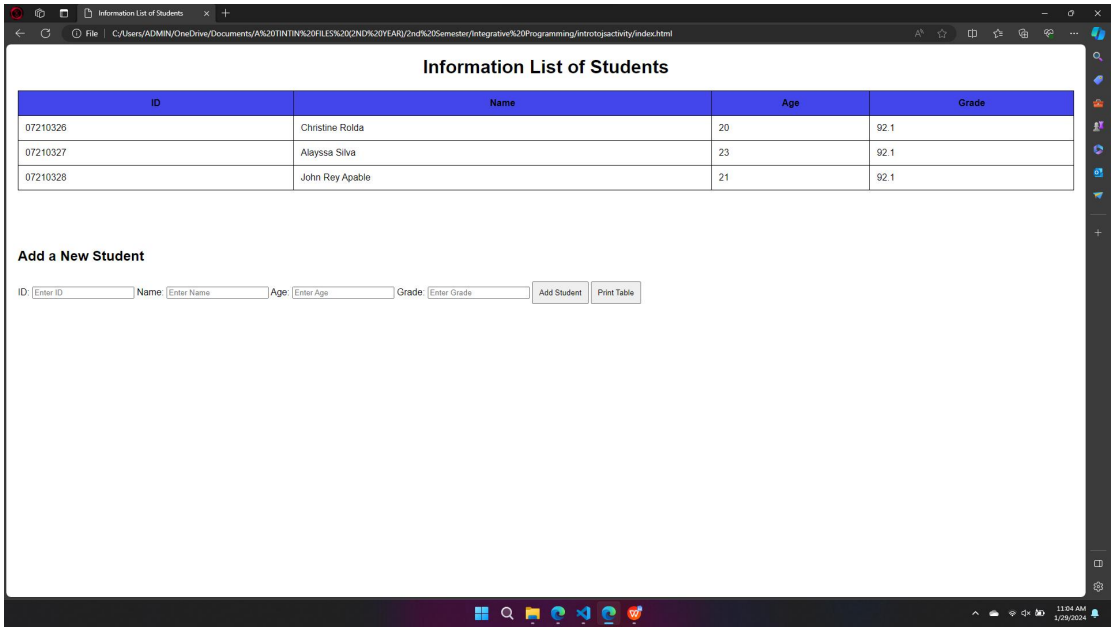
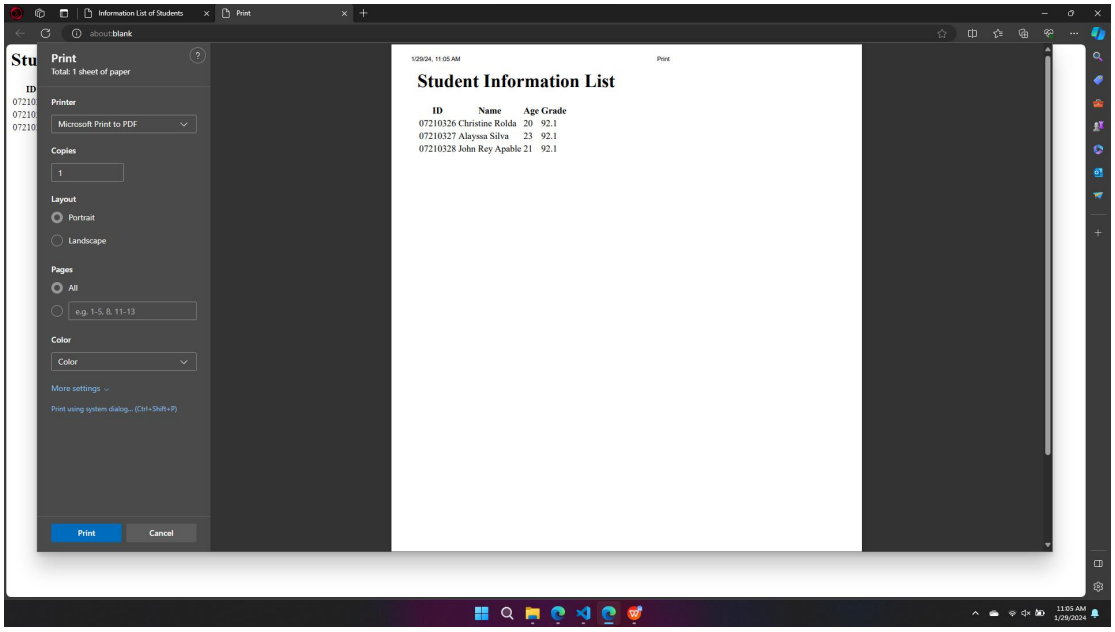
```
body {
    font-family: Arial, sans-serif;
    margin: 20px;
}

table {
    width: 100%;
    border-collapse: collapse;
    margin-top: 20px;
}

h1 {
    text-align: center;
}

h2 {
    margin-top: 100px;
}

table, th, td {
    border: 1px solid #000000;
}

th, td {
    padding: 12px;
    text-align: left;
}

th {
    background-color: #4346eb;
    text-align: center;
}

button {
    padding: 10px;
    cursor: pointer;
    margin-top: 10px;
}
```

- **Source Code (script.js):**



```
window.onload = function() {
    alert("Welcome to Information List of Students");
};

function addStudent() {

    var id = document.getElementById("id").value;
    var name = document.getElementById("name").value;
    var age = document.getElementById("age").value;
    var grade = document.getElementById("grade").value;


    var table = document.getElementById("studentTable").getElementsByTagName('tbody')[0];
    var newRow = table.insertRow(table.rows.length);


    var cell1 = newRow.insertCell(0);
    var cell2 = newRow.insertCell(1);
    var cell3 = newRow.insertCell(2);
    var cell4 = newRow.insertCell(3);


    cell1.innerHTML = id;
    cell2.innerHTML = name;
    cell3.innerHTML = age;
    cell4.innerHTML = grade;

    document.getElementById("id").value = "";
    document.getElementById("name").value = "";
    document.getElementById("age").value = "";
    document.getElementById("grade").value = "";
}

function printTable() {
    var table = document.getElementById("studentTable").outerHTML;
    var newWindow = window.open('', '_blank');
    newWindow.document.open();
    newWindow.document.write('<html><head><title>Print</title></head><body>');
    newWindow.document.write('<h1>Student Information List</h1>');
    newWindow.document.write(table);
    newWindow.document.write('</body></html>');
    newWindow.document.close();
    newWindow.print();
}
```

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



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