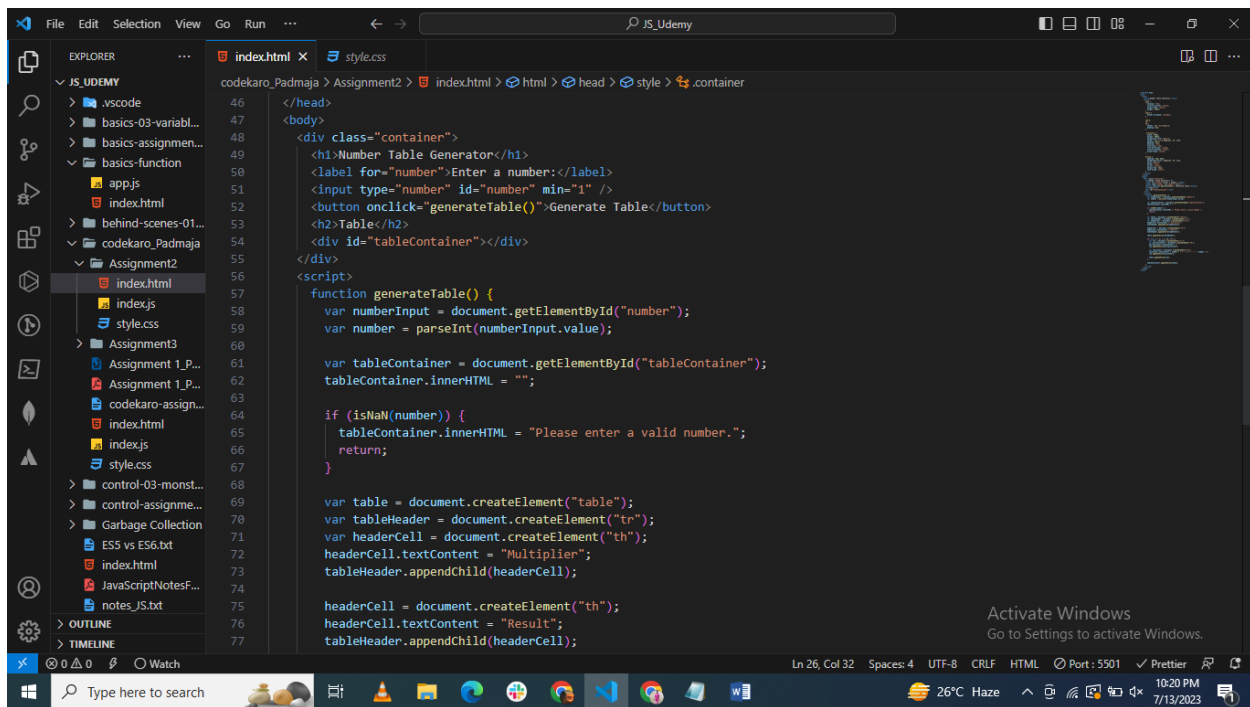


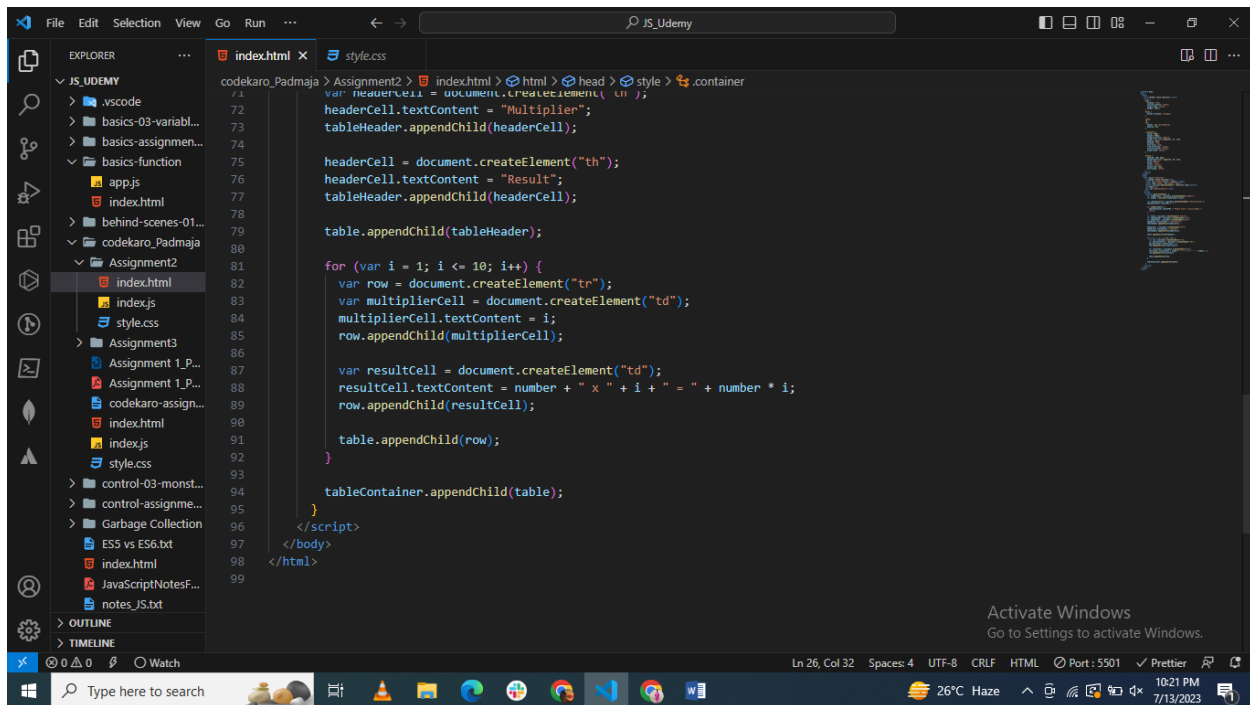
Assignment 2: Print the Table of a Number

Write a JavaScript program that prompts the user to enter a number. The program should then generate and display the table of that number from 1 to 10. Each line of the table should display the multiplication of the entered number with the respective multiplier (from 1 to 10).

Index.html



```
46 </head>
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48 <body>
49   <div class="container">
50     <h1>Number Table Generator</h1>
51     <label for="number">Enter a number:</label>
52     <input type="number" id="number" min="1" />
53     <button onclick="generateTable()">Generate Table</button>
54     <h2>Table</h2>
55     <div id="tableContainer"></div>
56   </div>
57   <script>
58     function generateTable() {
59       var numberInput = document.getElementById("number");
60       var number = parseInt(numberInput.value);
61
62       var tableContainer = document.getElementById("tableContainer");
63       tableContainer.innerHTML = "";
64
65       if (isNaN(number)) {
66         tableContainer.innerHTML = "Please enter a valid number.";
67         return;
68       }
69
70       var table = document.createElement("table");
71       var tableHeader = document.createElement("tr");
72       var headerCell = document.createElement("th");
73       headerCell.textContent = "Multiplier";
74       tableHeader.appendChild(headerCell);
75
76       headerCell = document.createElement("th");
77       headerCell.textContent = "Result";
78       tableHeader.appendChild(headerCell);
```



```
codekaro_Padmaja > Assignment2 > index.html > html > head > style > .container
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var headerCell = document.createElement("th");
headerCell.textContent = "Multiplier";
tableHeader.appendChild(headerCell);

headerCell = document.createElement("th");
headerCell.textContent = "Result";
tableHeader.appendChild(headerCell);

table.appendChild(tableHeader);

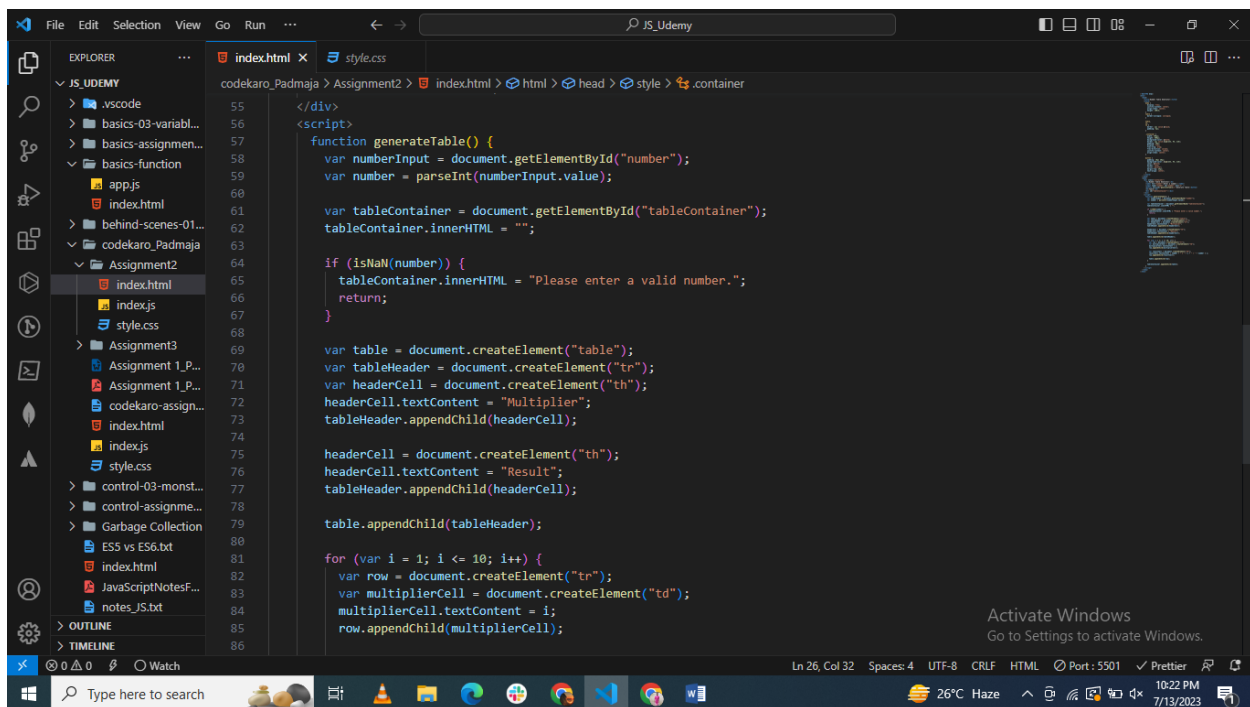
for (var i = 1; i <= 10; i++) {
    var row = document.createElement("tr");
    var multiplierCell = document.createElement("td");
    multiplierCell.textContent = i;
    row.appendChild(multiplierCell);

    var resultCell = document.createElement("td");
    resultCell.textContent = number + " x " + i + " = " + number * i;
    row.appendChild(resultCell);

    table.appendChild(row);
}

tableContainer.appendChild(table);
</script>
</body>
</html>
```

Activate Windows
Go to Settings to activate Windows.



```
codekaro_Padmaja > Assignment2 > index.html > html > head > style > .container
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</div>
<script>
function generateTable() {
    var numberInput = document.getElementById("number");
    var number = parseInt(numberInput.value);

    var tableContainer = document.getElementById("tableContainer");
    tableContainer.innerHTML = "";

    if (isNaN(number)) {
        tableContainer.innerHTML = "Please enter a valid number.";
        return;
    }

    var table = document.createElement("table");
    var tableHeader = document.createElement("tr");
    var headerCell = document.createElement("th");
    headerCell.textContent = "Multiplier";
    tableHeader.appendChild(headerCell);

    headerCell = document.createElement("th");
    headerCell.textContent = "Result";
    tableHeader.appendChild(headerCell);

    table.appendChild(tableHeader);

    for (var i = 1; i <= 10; i++) {
        var row = document.createElement("tr");
        var multiplierCell = document.createElement("td");
        multiplierCell.textContent = i;
        row.appendChild(multiplierCell);
    }
}
```

Activate Windows
Go to Settings to activate Windows.

