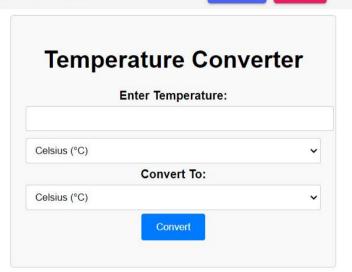
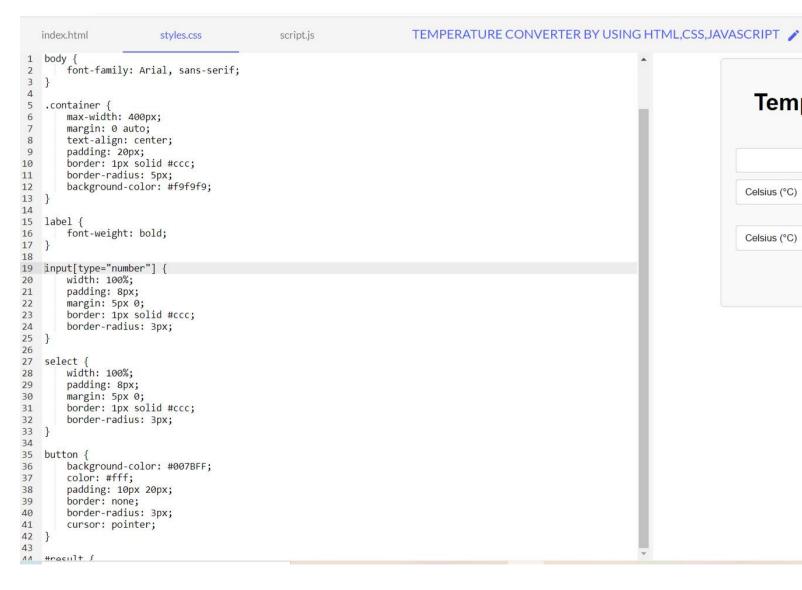
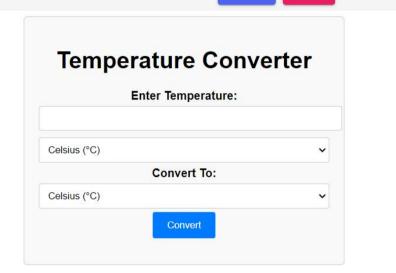
styles.css

```
1 <!DOCTYPE html>
 2 - <html lang="en">
 3 * <head>
        <meta charset="UTF-8">
        <meta name="viewport" content="width=device-width, initial-scale=1.0">
       <link rel="stylesheet" type="text/css" href="styles.css">
       <title>Temperature Converter</title>
 8 </head>
 9 * <body>
10 -
       <div class="container">
            <h1>Temperature Converter</h1>
11
12
            <label for="temperature">Enter Temperature:</label>
            <input type="number" id="temperature">
13
            <select id="fromUnit">
14 -
               <option value="celsius">Celsius (°C)</option>
15
               <option value="fahrenheit">Fahrenheit (°F)</option>
16
17
            </select>
            <label for="toUnit">Convert To:</label>
18
            <select id="toUnit">
19 -
               <option value="celsius">Celsius (°C)</option>
20
               <option value="fahrenheit">Fahrenheit (°F)</option>
21
22
            </select>
            <button id="convertButton">Convert</button>
23
            24
25
       </div>
26
       <script src="script.js"></script>
27
28 </body>
29
   </html>
30
```

script.is





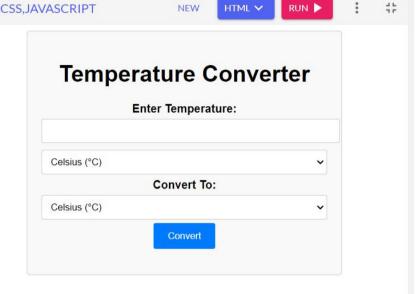


NEW

HTML 🗸

RUN >





```
1 function convertTemperature()
        const temperature = parseFloat(document.getElementById("temperature").value);
        const fromUnit = document.getElementById("fromUnit").value;
        const toUnit = document.getElementById("toUnit").value;
        let result;
        if (fromUnit === "celsius" && toUnit === "fahrenheit") {
           result = (temperature * 9/5) + 32;
        } else if (fromUnit === "fahrenheit" && toUnit === "celsius") {
10
           result = (temperature - 32) * 5/9;
        } else {
11
           result = temperature; // If units are the same, no conversion needed
12
13
14
15
        document.getElementById("result").textContent = `Result: ${result.toFixed(2)} ${toUnit}`;
16 }
17
18 document.getElementById("convertButton").addEventListener("click", convertTemperature);
```

script.js

index.html

styles.css

