|  |  |
| --- | --- |
| <html lang="en"> | |
| <head> | |
| <meta charset="UTF-8"> | |
| <meta name="viewport" content="width=device-width, initial-scale=1.0"> | |
| <title>Converter</title> | |
| <link rel="stylesheet" href="main.css"> | |
| </head> | |
| <body> | |
| <main> | |
| <header> | |
| <h1>Converter</h1> | |
| </header> | |
| <section class="inputs"> | |
| <input type="number" name="celcius" id="celcius" class="input" placeholder="Celcius"> | |
| <input type="number" name="fahrenheit" id="fahrenheit" class="input" placeholder="Fahrenheit"> | |
| <input type="number" name="kelvin" id="kelvin" class="input" placeholder="Kelvin"> | |
| </section> | |
| </main> | |
| <script src="main.js"></script> | |
| </body> | |
| </html>  //css file | |
|  | |
| \* { |
|  | margin: 0; |
|  | padding: 0; |
|  | font-family: sans-serif; |
|  | } |
|  |  |
|  | main { |
|  | width: 100%; |
|  | height: 100vh; |
|  | background-image: linear-gradient(to bottom, #FFCE00, #F7A800); |
|  | } |
|  |  |
|  | header { |
|  | display: flex; |
|  | justify-content: center; |
|  | padding-top: 200px; |
|  | } |
|  |  |
|  | h1 { |
|  | margin-bottom: 30px; |
|  | } |
|  |  |
|  | .inputs { |
|  | display: flex; |
|  | flex-wrap: wrap; |
|  | justify-content: center; |
|  | align-items: center; |
|  | max-width: 768px; |
|  | margin: 0 auto; |
|  | } |
|  |  |
|  | .input { |
|  | flex: 1 1 40%; |
|  | margin: 15px; |
|  | appearance: none; |
|  | background: none; |
|  | background-color: #FFF; |
|  | border-radius: 8px; |
|  | padding: 15px; |
|  | border: none; |
|  | outline: none; |
|  | transition: 0.4s; |
|  | } |
|  |  |
|  | .input:focus { |
|  | box-shadow: 0px 0px 6px 1px rgba(0, 0, 0, 0.2); |
|  | } |

// js file

|  |
| --- |
| const fahrenheitInput = document.getElementById("fahrenheit"); |
| const kelvinInput = document.getElementById("kelvin"); |
|  |
| const inputs= document.getElementsByClassName("input"); |
|  |
| for (let i = 0; i < inputs.length; i++) { |
| let input = inputs[i]; |
|  |
| input.addEventListener("input", function (e) { |
| let value = parseFloat(e.target.value); |
|  |
| switch (e.target.name) { |
| case "celcius": |
| fahrenheitInput.value = (value \* 1.8) + 32; |
| kelvinInput.value = value + 273.15; |
| break; |
| case "fahrenheit": |
| celciusInput.value = (value - 32) / 1.8; |
| kelvinInput.value = ((value - 32) / 1.8) + 273.15; |
| break; |
| case "kelvin": |
| celciusInput.value = value - 273.15; |
| fahrenheitInput.value = ((value - 273.15) \* 1.8) + 32; |
| break; |
| } |
| }); |
| } |
|  |