<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<title>Temperature Converter</title>

<style>

body {

font-family: Arial, sans-serif;

text-align: center;

}

#container {

max-width: 400px;

margin: 0 auto;

padding: 20px;

background-color: #f0f0f0;

border-radius: 10px;

}

label {

font-weight: bold;

}

input[type="number"] {

width: 100%;

padding: 10px;

margin-bottom: 10px;

border: 1px solid #ccc;

border-radius: 5px;

}

button {

background-color: #007BFF;

color: white;

border: none;

padding: 10px 20px;

border-radius: 5px;

cursor: pointer;

}

</style>

</head>

<body>

<div id="container">

<h1>Temperature Converter</h1>

<label for="celsius">Celsius:</label>

<input type="number" id="celsius" placeholder="Enter temperature in Celsius">

<br>

<label for="fahrenheit">Fahrenheit:</label>

<input type="number" id="fahrenheit" placeholder="Temperature in Fahrenheit" disabled>

<br>

<button onclick="convertTemperature()">Convert</button>

</div>

<script>

function convertTemperature() {

// Get the Celsius temperature from the input field

const celsius = parseFloat(document.getElementById('celsius').value);

// Check if the input is a valid number

if (!isNaN(celsius)) {

// Convert Celsius to Fahrenheit

const fahrenheit = (celsius \* 9/5) + 32;

// Display the result in the Fahrenheit input field

document.getElementById('fahrenheit').value = fahrenheit.toFixed(2);

} else {

alert('Please enter a valid temperature in Celsius.');

}

}

</script>

</body>

</html>