**TEMPERATURE CONVERTER**

**CODE:**

<!DOCTYPE html>

<html>

<head>

<title>Temperature Converter</title>

<style>

body {

font-family: Arial, sans-serif;

width: 300px;

margin: 50px auto;

padding: 20px;

border: 1px solid #ccc;

border-radius: 8px;

}

label, input, button {

display: block;

width: 100%;

margin-bottom: 10px;

}

#result {

margin-top: 10px;

font-weight: bold;

}

</style>

</head>

<body>

<h2>Temperature Converter</h2>

<label for="tempInput">Enter Temperature:</label>

<input type="number" id="tempInput" placeholder="Enter value" />

<button onclick="convertToCelsius()">Convert to Celsius</button>

<button onclick="convertToFahrenheit()">Convert to Fahrenheit</button>

<div id="result">Result: </div>

<script>

function convertToCelsius() {

const temp = parseFloat(document.getElementById('tempInput').value);

if (isNaN(temp)) {

document.getElementById('result').textContent = "Please enter a valid number";

} else {

const celsius = (temp - 32) \* 5/9;

document.getElementById('result').textContent = Result: ${celsius.toFixed(2)} °C;

}

}

function convertToFahrenheit() {

const temp = parseFloat(document.getElementById('tempInput').value);

if (isNaN(temp)) {

document.getElementById('result').textContent = "Please enter a valid number";

} else {

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

document.getElementById('result').textContent = Result: ${fahrenheit.toFixed(2)} °F;

}

}

</script>

</body>

</html>

**OUTPUT:**



