**NAME: TANVI KAWALE**

**TASK NO 2:BHARAT INTERN**

**Temperature Converter**

**CODE:**

**<style>**

**\* {**

**margin: 0;**

**padding: 0;**

**font-family: Verdana, Geneva, Tahoma, sans-serif;**

**}**

**.container {**

**width: 100%;**

**height: 100vh;**

**background-image:**

**linear-gradient(rgb(140, 219, 140), rgb(20, 141, 20));**

**display: flex;**

**flex-direction: column;**

**justify-content: center;**

**align-items: center;**

**}**

**.container h1 {**

**color: green;**

**font-weight: 700;**

**font-size: 25px;**

**text-align: center;**

**}**

**.converter-row {**

**display: flex;**

**width: 40%;**

**justify-content: space-between;**

**align-items: center;**

**background: rgb(0, 56, 0);**

**border-radius: 10px;**

**padding: 50px 20px;**

**}**

**.col {**

**flex-basis: 32%;**

**text-align: center;**

**}**

**.col label {**

**font-size: 15px;**

**font-weight: 500;**

**margin-bottom: 10px;**

**color: #fff;**

**}**

**.col input {**

**width: 150px;**

**height: 30px;**

**background: white;**

**border-radius: 5px;**

**text-align: center;**

**}**

**</style>**

**<div class="container">**

**<h1>Tanvi <br>**

**Temperature Converter</h1>**

**<div class="converter-row">**

**<div class="col">**

**<label>Fahrenheit</label>**

**<input type="number" id="fahrenheit">**

**</div>**

**<div class="col">**

**<label>Celsius</label>**

**<input type="number" id="celsius">**

**</div>**

**<div class="col">**

**<label>Kelvin</label>**

**<input type="number" id="kelvin">**

**</div>**

**</div>**

**</div>**

**<script>**

**let celsius = document.getElementById('celsius');**

**let fahrenheit = document.getElementById('fahrenheit');**

**let kelvin = document.getElementById('kelvin');**

**celsius.oninput = function () {**

**let f = (parseFloat(celsius.value) \* 9) / 5 + 32;**

**fahrenheit.value = parseFloat(f.toFixed(2));**

**let k = (parseFloat(celsius.value) + 273.15);**

**kelvin.value = parseFloat(k.toFixed(2));**

**}**

**fahrenheit.oninput = function () {**

**let c = ((parseFloat(**

**fahrenheit.value) - 32) \* 5) / 9;**

**celsius.value = parseFloat(c.toFixed(2));**

**let k = (parseFloat(**

**fahrenheit.value) - 32) \* 5 / 9 + 273.15;**

**kelvin.value = parseFloat(k.toFixed(2));**

**}**

**kelvin.oninput = function () {**

**let f = (parseFloat(**

**kelvin.value) - 273.15) \* 9 / 5 + 32;**

**fahrenheit.value = parseFloat(f.toFixed(2));**

**let c = (parseFloat(kelvin.value) - 273.15);**

**celsius.value = parseFloat(c.toFixed(2));**

**}**

**</script>**

OUTPUT:

