

Temperature Converter

SOURCE CODE:

```
<!DOCTYPE html>
<!--
To change this license header, choose License Headers in Project
Properties.
To change this template file, choose Tools | Templates
and open the template in the editor.
-->
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport"
    content="width=device-width,
    initial-scale=1.0">

  <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>
</head>

<body>
    <div class="container">
        <h1>Hema- The coder <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>  
</body>  
  
</html>
```

OUTPUT:

The screenshot shows a web application with a green gradient background. At the top center, the text 'Hema- The coder' is displayed in white, with 'Temperature Converter' below it in a lighter green. Below this, there is a dark green rectangular box containing three input fields. The first field is labeled 'Fahrenheit' and contains the value '1'. The second field is labeled 'Celsius' and contains the value '-17.22'. The third field is labeled 'Kelvin' and contains the value '255.93'.