

# TASK-2

## TEMPERATURE CONVETOR

```
<!DOCTYPE html>
<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(49, 9, 250),
          rgb(255, 8, 218));

      display: flex;
      flex-direction: column;
      justify-content: center;
      align-items: center;
    }

    .container h1 {
      color: rgb(253, 252, 252);
      font-weight: 700;
      font-size: 25px;
      text-align: center;
    }

    .converter-row {
      display: flex;
      width: 50%;
      justify-content: space-between;
      align-items: center;
      background: rgb(11, 12, 14);
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        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: rgb(253, 252, 252);
    }

    .col input {
        width: 150px;
        height: 30px;
        background: rgb(251, 249, 249);
        border-radius: 5px;
        text-align: center;
    }
</style>
</head>

<body>
    <div class="container">
        <h1>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>

```

```

</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>

```