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<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN">

<html>
<head>
<title>Celsius-Fahrenheit-Kelvin-Rechner</title>
<meta http-equiv="content-type" content="text/html; charset=iso-8859-1">

<style type="text/css">
    .UpperCase {
        font-variant: small-caps;
    }
</style>

<script language="JavaScript">

    function Cls1(){
        document.Rechner.txtCelsius.value = "";
        document.Rechner.txtFahrenheit.value = "";
        document.Rechner.txtKelvin.value = "";
    }

    function Cls2(){
        document.Rechner2.txtCelsius.value = "";
        document.Rechner2.txtFahrenheit.value = "";
        document.Rechner2.txtKelvin.value = "";
    }

    function Cls3(){
        document.Rechner3.txtCelsius.value = "";
        document.Rechner3.txtFahrenheit.value = ""
        document.Rechner3.txtKelvin.value = "";
    }

    function fromCelsius(){
        var Temperatur = document.Rechner.txtCelsius.value;
        document.Rechner.txtFahrenheit.value = Temperatur * 1.8 + 32;
        document.Rechner.txtKelvin.value = Temperatur * 1 + 273.15;
    }

    function fromFahrenheit(){
        var Temperatur = document.Rechner.txtFahrenheit.value;
        document.Rechner.txtCelsius.value = (Temperatur * 1 - 32) * 0.56;
        document.Rechner.txtKelvin.value = (Temperatur * 1 + 459.67) * 0.56;
    }

    function fromKelvin(){
        var Temperatur = document.Rechner.txtKelvin.value;
        document.Rechner.txtCelsius.value = Temperatur * 1 - 273.15;
        document.Rechner.txtFahrenheit.value = Temperatur * 1.8 - 459.67;
    }

    function Rechnen(){

        if (document.Rechner2.txtCelsius.value != ""){
            var Temperatur = document.Rechner2.txtCelsius.value;
            document.Rechner2.txtFahrenheit.value = Temperatur * 1.8 + 32;
            document.Rechner2.txtKelvin.value = Temperatur * 1 + 273.15;
        } else if (document.Rechner2.txtFahrenheit.value != ""){
            var Temperatur = document.Rechner2.txtFahrenheit.value;
            document.Rechner2.txtCelsius.value = (Temperatur * 1 - 32) * 0.56;
            document.Rechner2.txtKelvin.value = (Temperatur * 1 + 459.67) * 0.56;
        } else if (document.Rechner2.txtKelvin.value != ""){
            var Temperatur = document.Rechner2.txtKelvin.value;
            document.Rechner2.txtCelsius.value = Temperatur * 1 - 273.15;
            document.Rechner2.txtFahrenheit.value = Temperatur * 1.8 - 459.67;
        }

    }

</script>
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</head>

<body>

<ul style="font-family: Courier New">
  <li><a href="index.php">.:Home:..</a></li>
  <li><a href="InfoHausaufgabe-20-04-09.pdf">.:Quelltext:..</a></li>
</ul>
<hr />

<center>

  <h2 class="UpperCase">Laborversuchsversuch Nummer Eins</h2>
  <h3 class="UpperCase">Drei Schalter für drei verschiedene Rechnungen</h3>

  <form name="Rechner">
    <table>
      <tr>
        <td width="80px">Celsius</td>
        <td>(°C) : &nbsp;</td>
        <td><input type="text" size="10" name="txtCelsius" /></td>
        <td><input type="button" value="°C in °F & °K" onClick="fromCelsius()" /></td>
      </tr>
      <tr>
        <td>Fahrenheit</td>
        <td>(°F) : &nbsp;</td>
        <td><input type="text" size="10" name="txtFahrenheit" /></td>
        <td><input type="button" value="°F in °C & °K" onClick="fromFahrenheit()" /></td>
      </tr>
      <tr>
        <td>Kelvin</td>
        <td>(°K) : &nbsp;</td>
        <td><input type="text" size="10" name="txtKelvin" /></td>
        <td><input type="button" value="°K in °C & °F" onClick="fromKelvin()" /></td>
      </tr>
      <tr>
        <td></td>
        <td></td>
        <td></td>
        <td><input type="button" value="Löschen" onClick="Cls1()" /></td>
      </tr>
    </table>
  </form>

  <hr />

  <h2 class="UpperCase">Laborversuch Nummer Zwei</h2>
  <h3 class="UpperCase">Ein Schalter für drei verschiedene Rechnungen</h3>
  <form name="Rechner2">
    <table>
      <tr>
        <td width="80px">Celsius</td>
        <td>(°C) : &nbsp;</td>
        <td><input type="text" size="10" name="txtCelsius" /></td>
      </tr>
      <tr>
        <td>Fahrenheit</td>
        <td>(°F) : &nbsp;</td>
        <td><input type="text" size="10" name="txtFahrenheit" /></td>
      </tr>
      <tr>
        <td>Kelvin</td>
        <td>(°K) : &nbsp;</td>
        <td><input type="text" size="10" name="txtKelvin" /></td>
      </tr>
      <tr>
        <td></td>
        <td></td>
        <td><input type="button" value="Berechnen" onClick="Rechnen()" /></td>
      </tr>
    </table>
  </form>

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        <td></td>
        <td></td>
        <td><input type="button" value="L&ouml;sch" onClick="Cls2()" /></td>
    </tr>
</table>
</form>

</center></body>

</html>
```