# Temperature Converter

DESCRIPTION

Create a single-page app to convert temperature from Fahrenheit scale to Celsius scale and vice versa.

Please stick to the following specifications (otherwise your evaluation will fail).

* Input fields should be of type 'number'
* The input field for Fahrenheit should have the id 'Fahrenheit'
* The input field for Celsius should have the id 'Celsius'
* Conversion should happen instantaneously i.e changing the value in one of the input fields should trigger the change in the other.

Project Run Screenshots:

Temperature converter page:

A screenshot of a cell phone

Description automatically generated

1. While entering information into the Celsius field, the Fahrenheit field is automatically populated with the converted value:

A screenshot of a cell phone

Description automatically generated

1. While entering information into the Fahrenheit field, the Celsius field is automatically populated.

A screenshot of a cell phone

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Source:

<!DOCTYPE html>

<html>

<head>

<title>Javascript Assessment</title>

<script type="text/javascript">

function convertToF()

{

var cel = document.getElementById("celsius").value;

if(cel=="")

{

document.getElementById("fahrenheit").value = "";

}

else

{

var far = (cel \* 9 / 5) + 32;

document.getElementById("fahrenheit").value = far;

}

}

function convertToC()

{

var far = document.getElementById("fahrenheit").value;

if(far=="")

{

document.getElementById("celsius").value = "";

}

else

{

var cel = (far - 32) \* (5 / 9);

document.getElementById("celsius").value = cel;

}

}

</script>

</head>

<body>

<div style="text-align:center; margin-top:50px">

<div>

<h1 style="color:red">Welcome to the Javascript temperature converter</h1>

<form>

<input style="height:30px;width:300px;margin:20px;font-size:16px" type="number" id="fahrenheit" onKeyUp="convertToC();" placeholder="Fahrenheit">

<img src="./convert.png" width="30" height="30">

<input style="height:30px;width:300px;margin:20px;font-size:16px" type="number" id="celsius" onKeyUp="convertToF();" placeholder="Celsius">

</form>

</div>

</div>

</body>

</html>