

Answer on Question #47676, Programming, AJAX | JavaScript | HTML | PHP

Problem.

I am trying to get a temperature conversion calculator to work for me and I seem to be having a confusing problem. The html code below is what I'm needing to follow by.

```
<!DOCTYPE html>
<html>
<head>
<title>Temperature Converter</title>
</head>
<body>
<p>Enter a Temperature to Convert in the field below and select the starting scale.</p>
<input type="text" name="txtTemp" id="txtTemp" placeholder="Enter a Temperature" />
<br />
<br />
<input type="radio" id="radFahrenheit" name="radTemp" checked/>Fahrenheit to Celcius
<br/>
<br/>
<input type="radio" id="radCelcius" name="radTemp"/>Celcius to Fahrenheit
<br/>
<br/>
<br/>
<br/>
<button onclick="ConvertTemp();">Convert</button>
<br/>
<br/>

<div id="divResults"></div>
<script type="text/javascript" src="Week7.js"></script>
</body>
</html>
```

And with the javascript part I've gotten this so far also I'm not use to if and else statements yet.

```
function ConvertTemp(){
var radFahrenheit = parseFloat(document.getElementById('radFahrenheit').value);
var radCelcius = parseFloat(document.getElementById('radCelcius').value);
var txtTemp = document.getElementById('txtTemp');

if(radF.checked){
radFahrenheit = (radCelcius * (9/5)) + 32;
FahrenheitToCelcius();
}else if(radC.checked){
radCelcius = (radFahrenheit -32) * (5 / 9)
CelciustoFahrenheit();
}
}
```

Solution.

Code (Week7.js)

```
function ConvertTemp(){
    var radFahrenheit = document.getElementById('radFahrenheit').checked;
    var radCelcius = document.getElementById('radCelcius').checked;
```

```

var temperature = document.getElementById('txtTemp').value;
var outputDIV = document.getElementById('divResults');

outputDIV.innerHTML = radFahrenheit * ((5/9) * (temperature - 32))
                    + radCelcius * (temperature * (9/5) + 32);
}

```

Code (Question #47676.html)

```

<!DOCTYPE html>
<html>
<head>
  <title>Temperature Converter</title>
</head>
<body>
  <p>Enter a Temperature to Convert in the field below and select the starting
scale.</p>
  <input type="text" name="txtTemp" id="txtTemp" placeholder="Enter a
Temperature" />
  <br/>
  <br/>
  <input type="radio" id="radFahrenheit" name="radTemp" checked/>Fahrenheit to
Celcius
  <br/>
  <br/>
  <input type="radio" id="radCelcius" name="radTemp"/>Celcius to Fahrenheit
  <br/>
  <br/>
  <div id="divResults">&nbsp;</div>
  <br/>
  <br/>
  <button onclick="ConvertTemp();">Convert</button>
  <script type="text/javascript" src="Week7.js"></script>
</body>
</html>

```

Result

Enter a Temperature to Convert in the field below and select the starting scale.

Fahrenheit to Celcius

Celcius to Fahrenheit

80.6