

Here is the code that created the display below. See if you can follow through it:

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```
<HTML>
<HEAD>
<TITLE>A Simple Temperature Conversion Program
</TITLE>
<script type="text/javascript">
<!--
document.bgColor = "pink";

function convertC2F(c)
{
var f= (9*c)/ 5 + 32;
return f;
}

function tempOpinion(f){

    if (f > 80) {
    document.conversion.opinion.value="Man, " + f + " degrees is too hot!";
    document.bgColor = "red";
    }

    else if (f < 60) {
document.conversion.opinion.value="Brrrr, " + f + " degrees is too damn cold!";
    document.bgColor = "blue";
    }

    else {
    document.conversion.opinion.value="ahhhhh " + f + " degrees is just right!";
    document.bgColor = "yellow";
    }
}
//-->
</script>
</HEAD>
```

<!-- See the next page for the body of the HTML file -->

```
<BODY>
  <FORM NAME="conversion" ACTION="convertC2F.html" METHOD="post">

<H2>Enter the temperature in Celsius:

<INPUT TYPE="text" NAME="celsius" VALUE=" " ></H2>

<INPUT TYPE="button" NAME="change" VALUE="Change to Celsius"
onClick="document.conversion.fahrenheit.value =
convertC2F(document.conversion.celsius.value);
tempOpinion(document.conversion.fahrenheit.value)">

<H2>That's <INPUT TYPE="text" NAME="fahrenheit" VALUE="???" SIZE=10 > degrees
fahrenheit</H2>

<INPUT TYPE="text" NAME="opinion" VALUE=" " size=60>

</FORM>
</BODY>
</HTML>
```

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Here is the screen **AFTER** the "Change to Celsius" button is submitted:

