Course:	INFO1232, Javascript I
Professor:	Daniel Malnati
Project:	Lab 4
Due Date:	Thursday, February 13th, 5:00 pm
Submitting:	FOL Submissions folder, Lab 3
Student Name:	

Lab Description

1. Create a single HTML page using the editor of your choice. Name this page using the following template: your first name followed by an underscore and then "Lab4". For example, "Daniel_Lab4.html".

2. You will be creating the new and improved temperature conversion web tool. This app will accept a numeric temperature value and the user will select whether to convert to Fahrenheit or Celsius.

3. Create a function to be called when the *"Convert to Fahrenheit"* button is clicked:
   - Read value in the textfield, this will be the celsius value to convert
   - Implement the following formula to calculate the converted temperature value

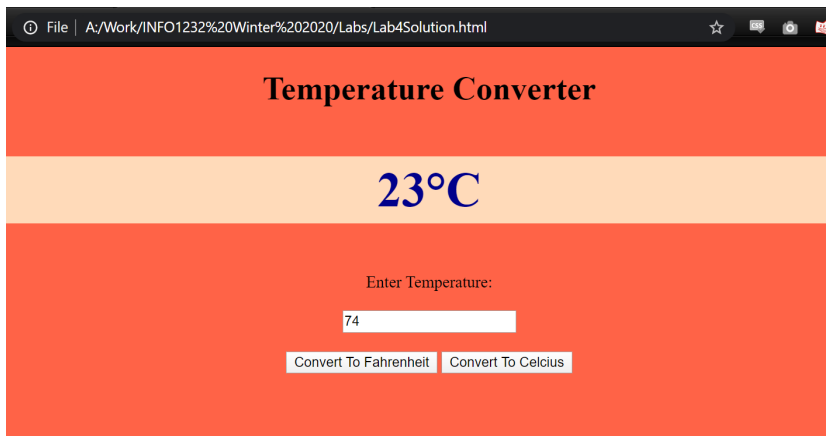   (**CELSIUS** × 9/5) + 32 = **FAHRENHEIT**

   - **Round** the temperature to a whole number
   - Output this temperature to the corresponding "**<p>**" element on the web page **with** this text concatenated " **°F** "

4. Create a function to be called when the *"Convert to Celsius"* button is clicked:
   - Read value in the textfield, this will be the fahrenheit value to convert
   - Implement the following formula to calculate the converted temperature value

   (**FAHRENHEIT** − 32) × 5/9 = **CELSIUS**

   - **Round** the temperature to a whole number
   - Output this temperature to the corresponding "**<p>**" element on the web page **with** this text concatenated " **°C** "

5. Attach the functions created above to the web page using a click event for the two corresponding buttons.

6. When the page runs the user should enter a number into the textfield and one of the two buttons should be clicked, the converted temperature should be displayed on screen for the user to see. *See Sample Output Below*

Converting to Celsius:
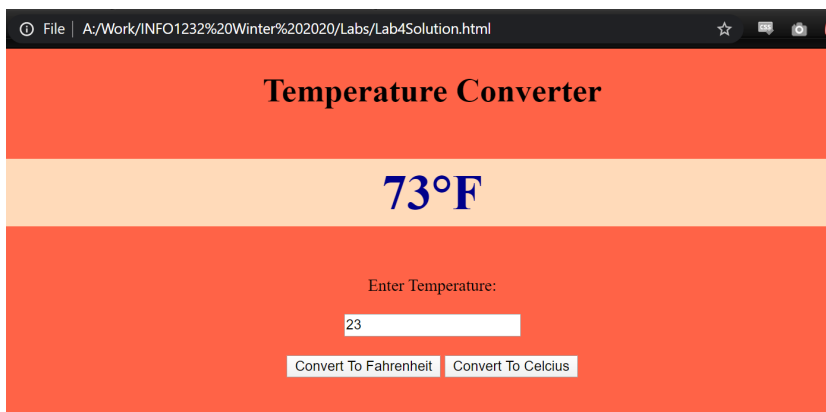
Converting to Fahrenheit:

How will my lab be marked?

Marks	What are Marks Awarded For?	Earned
2	Comments/Clean Code/Page runs without Errors ● Page documentation including name, date, purpose ● Script comments for each process	
10	Web page runs and meets the lab requirements ● Javascript reads and writes to the Webpage using events and DOM functions (values are entered by user and not hardcoded) ● function to convert to celsius implemented ● function to convert to fahrenheit implemented ● temperature rounded ● temperature output to the webpage in correct format ● Button Click events trigger functions to convert ● Matches Sample output	
12	Total	