

Lab Test

1

COMP1231 Web Programming

Instructions:(temperature converter)

Go to the following link, select page source and copy the html. This is the sample used for this lab test

<http://w5jasonc.gblearn.com/labtest/labtest1.html>

Using the sample html provided, fill in the contents of the convert function to do the following:

1. Add a title and heading of: “Lab Test 1”
2. Add your full name, your student id plus a link to your prelab-1 under your heading.
 - Retrieve the values from the form and store them in appropriately named variables (hint: document.getElementById)
 - Validation is required (use the isNaN() function to test if the user provided a number)
 - Use an If statement to calculate the temperature based on what the user provided, using the following formulas:

$\text{Fahrenheit to Celcius} \rightarrow \text{con} = (\text{temp} - 32 / 1.8)$ $\text{Celcius to Fahrenheit} \rightarrow \text{con} = (\text{temp} * 1.8 + 32)$
 - Provide a meaningful message to the user using the alert function, telling them the temperature they have input and what it is equal to once the conversion is performed.