A+ Computer Science	Math / Calc – CELSIUS TO FAHRENHEIT	Lab Value - 100

Lab Goal : This lab was designed to teach you how to instantiate an object, pass parameters, calculate values, and display the results.

This lab also introduces the idea of a return method. You may have to do some research in order to complete this lab.

Lab Description :

Convert Celsius to Fahrenheit.

- Subtract 32º to adjust for the difference in the Fahrenheit scale.
  Multiply the result by 5/9.

- Example: convert 98.6º Fahrenheit to Celsius.
  98.6 - 32 = 66.6
  66.6 * 5/9 = 333/9 = 37º C.

Sample Data:

```
98.6
52.30
82.45
75.00
100.00
```

Files Needed ::
Fahrenheit.java
FahrenheitRunner.java

Sample Output :

```
98.60 degrees Fahrenheit == 37.00 degrees Celsius

52.30 degrees Fahrenheit == 11.28 degrees Celsius

82.45 degrees Fahrenheit == 28.03 degrees Celsius

75.00 degrees Fahrenheit == 23.89 degrees Celsius

100.00 degrees Fahrenheit == 37.78 degrees Celsius
```

FORMATTING OUTPUT

```
double dec = 9.541724;

out.printf("%.3f\n",dec);                    //outs 9.542
      //printf is a void method


out.println(String.format("%.3f",dec));    //outs 9.542
      //format is a String return method
      //format is useful when writing toString() methods
```