

## Temperature Converter Lab

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AP Computer Science A

In this lab, you will implement a temperature converter. Create a new project in Eclipse called **Converter**. Create one new class called **TemperatureConverter** with a main method. Your code needs to do the following:

- Ask the user if they would like to convert from Celsius to Fahrenheit or Fahrenheit to Celsius (you may add Kelvin as an extra component).
- Ask the user for the temperature
- Output the temperature in the new units

To read in the first character that the user enters, use the following code:

```
EasyReader reader = new EasyReader();  
char letter = reader.readChar();
```

Also, recall that the letter A should be typed as 'A' to represent a char ("A" is different - it's a String)

An example output for your program is below. Italics represents what your program would print out, while the bold text represents what the user would enter in:

*This is the Temperature Converter!*

*Would you like to convert from [C]elsius to Fahrenheit, or [F]ahrenheit to Celsius? **C***

*What is the temperature in Celsius? **100.0***

*The temperature in Fahrenheit is 212.0 degrees.*