



# Introduction to Programming with Java

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## Task: TemperatureConverter

Score: ★☆☆☆☆

Prerequisites: ACM Task Force Commands

### Description:

Implement `init` and `actionPerformed` functions of `TemperatureConverter` class to obtain a Fahrenheit <--> Celsius converter. Create 2 `JLabels` to label Celsius and Fahrenheit fields. Create 2 `IntFields` to store Celsius and Fahrenheit values. Finally two `JButtons` to perform the conversion.

Use `2x3 TableLayout` for component alignment.

As you click on `F->C` button, application should convert current value in Fahrenheit field to Celsius and set it to Celsius field.

In the same way, as you click on `C->F` button, application should convert current value in Celsius field to Fahrenheit and set it to Fahrenheit field.

You do not need to implement the formula to perform the conversions. Just reuse available `toCelsius` and `toFahrenheit` functions.

