Programming Lab Exercise 11

Before you start:
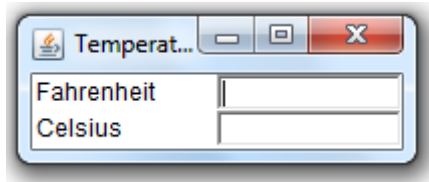Create a folder called **lab11** inside your personal **java** folder you created at the start.
Save all your work for lab11 in this folder.

Purpose:
Tests your understanding of the concept of windows programming.

Q1.
   a) Download the source files ConvertTemp.java & ConvertTempDriver.java
   b) Run it and you should see the following screen:

   c) Modify it so that when the user types a number into the Fahrenheit `JTextField` and hits the Enter key, the corresponding Celsius value is populated into the Celsius `JTextField`.
      a. Create two private JTextFields as part of the JFrame class:
          i. `private JTextField fahrenField`
         ii. `private JTextField celsiusField`
      b. You should create and add a listener to each `JTextField`
          i. `FahrenheitListener`
         ii. `CelsiusListener`
      c. Each of these listeners should:
          i. Get the value out of its field
         ii. Perform the necessary calculation
        iii. Set the value of the other field