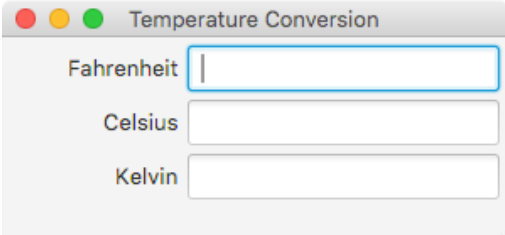


## IB Computer Science SL 1-2 Programing Lab 12

Program lab12p1.java

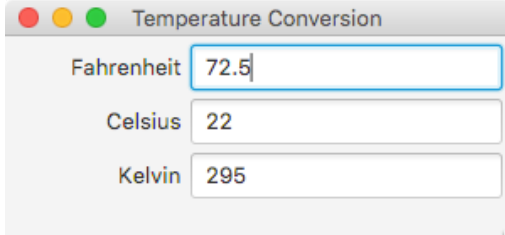
Write a JavaFX8 program to allow you to do conversions between Celsius, Fahrenheit, and Kelvin. It should open a window with three fields which accept decimal input in one of the fields and outputs the correct conversion in the other two. See the screenshots below. All fields need to accept decimals as input, and output integer only.

Initial window with nothing entered.



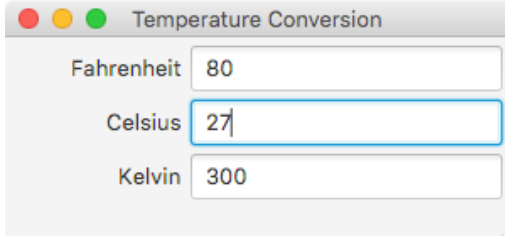
A screenshot of a JavaFX window titled "Temperature Conversion". It contains three text input fields arranged vertically. The top field is labeled "Fahrenheit", the middle "Celsius", and the bottom "Kelvin". All three fields are currently empty.

Window after 72.5 entered as Fahrenheit. Celsius and Kelvin are displayed.



A screenshot of the "Temperature Conversion" window. The "Fahrenheit" field now contains the value "72.5". The "Celsius" field below it displays the integer value "22", and the "Kelvin" field displays the integer value "295".

Window after 27 entered as Celsius. Fahrenheit and Kelvin are displayed.



A screenshot of the "Temperature Conversion" window. The "Celsius" field now contains the value "27". The "Fahrenheit" field above it displays the integer value "80", and the "Kelvin" field displays the integer value "300".

It is not necessary to add a "quit" button since there is the Red close app button on the window already. Of course you may add extras as long as they do not interfere with the usability.