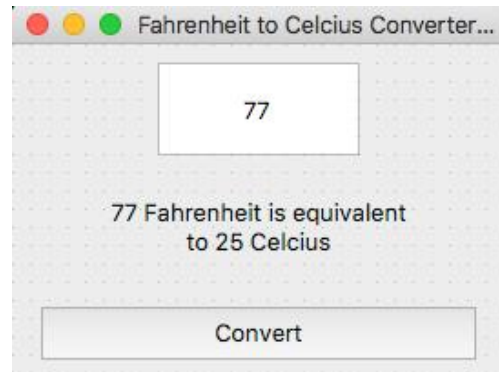


**Tutorial 9**

1. Build a Fahrenheit to Celcius temperature unit converter application. Using Qt Designer, design the application window to have QLabel, QLineEdit and QPushButton widgets, with their layout is shown below.



After a user enters a temperature in Fahrenheit, into the QLineEdit widget, he or she can push the QPushButton widget to start the conversion process to Celcius. The result is then formatted and shown as text in the QLabel widget. Formula to convert a temperature in Fahrenheit  $T_F$  to Celcius  $T_C$ , is given below

$$T_C = (T_F - 32) \times \frac{5}{9}$$