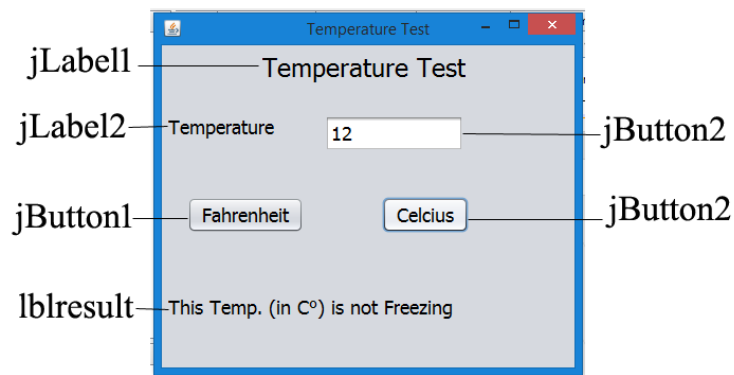## 5.1 Temperature Test

➢ Design an application that can test whether a temperature is freezing or not. It should be able to test the temperature for both **Fahrenheit** and **Celsius** scales. Use the temperatures **32° F** and **0° C** as the freezing temperature.

➢ Now double click on boundary the push **jButton1 (Fahrenheit Button)**. The code editor window will get open. In it, simply type the following code.

```
1.      double temp = Double.parseDouble(txttemp.getText());

2.      if(temp > 32)

3.      {

4.          lblresult.setText("This Temp. (in F°) is not Freezing");

5.      }

6.      else

7.      {

8.          lblresult.setText("This Temp. (in F°) is Freezing");

9.      }
```

➤ Now double click on boundary the push **jButton2** (Celcuis Button). The code editor window will get open. In it, simply type the following code.

```
1.      double temp = Double.parseDouble(txttemp.getText());

2.      if(temp > 0)

3.      {

4.         lblresult.setText("This Temp. (in C°) is not Freezing");

5.      }

6.      else

7.      {

8.         lblresult.setText("This Temp. (in C°) is Freezing");

9.      }
```