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<pri><prid row="2" column="2" row-span="1" col-span="1" vsize-policy="0" hsize-policy="2" anchor="8" fill</pre>
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                                                      <grid id="27dc6" binding="panelMain" layout-manager="GridLayoutManager" row-count="5" column-count="3" same-</pre>
                         2 <form xmlns="http://www.intellij.com/uidesigner/form/" version="1" bind-to-class="TemperatureConverterGUI">
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               <component id="17fcc" class="javax.swing.JComboBox" binding="ComboBoxTemperatureConvertType">
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            <component id="7aba8" class="javax.swing.JButton" binding="ButtonConvertTemperature">
                                                                              size-horizontally="false" same-size-vertically="false" hgap="-1" vgap="-1">
                                                                                                            <margin top="20" left="20" bottom="20" right="20"/>
                                                                                                                                                                    <xy x="20" y="20" width="553" height="400"/>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             <text value="Convert Temperature"/>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       indent="0" use-parent-layout="false"/>
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<?xml version="1.0" encoding="UTF-8"?>
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<grid row="2" column="0" row-span="1" col-span="2" vsize-policy="0" hsize-policy="0" anchor="8" fill</pre>
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        <component id="9e378" class="javax.swing.JTextField" binding="TextFieldTemperature">
                                                                                                                                                                                                                                                   <text value="Which temperature do we convert ?"/>
                                                                                                               <component id="3b6e3" class="javax.swing.JLabel">
                                                                                                                                                                                                                                                                                                           <component id="ea3e0" class="javax.swing.JLabel">
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    cpreferred-size width="150" height="-1"/>
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String convertType = ComboBoxTemperatureConvertType.getSelectedItem().toString();
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ComboBoxModel convertTypeModel = new DefaultComboBoxModel(convertTypes);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      double temperature = Double.parseDouble(TextFieldTemperature.getText());
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ComboBoxTemperatureConvertType.setModel(convertTypeModel);
                                                                                                                                                                                                                                                                                                                                                        ButtonConvertTemperature.addActionListener(e -> {
                                                                                                                                                                                                                                                                                        this.setTitle("Temperature Converter Homework");
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             temperature = temperature * (1.8) + 32;
                                                                                                                                                                                                                                                                                                                                                                                                                                        String[] convertTypes = {"C -> F" , "F -> C"};
                                                                                                                                                                                                                                                                                                              this.setDefaultCloseOperation(EXIT_ON_CLOSE);
                                                                                                                                                               private JComboBox ComboBoxTemperatureConvertType;
                                                                                                 6 public class TemperatureConverterGUI extends JFrame{
7    private JPanel panelMain;
8    private JButton ButtonConvertTemperature;
                                                                                                                                                                                     private JTextField TextFieldTemperature;
                                                                                                                                                                                                                           public TemperatureConverterGUI() {
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  public void ConvertTemperature(){
                                                          import java.awt.event.ActionListener;
                                      import java.awt.event.ActionEvent;
                                                                                                                                                                                                                                                                                                                                                                             ConvertTemperature();
                                                                                                                                                                                                                                                                      this.setSize(500,500);
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  switch (convertType){
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        case("C -> F"):
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     case("F -> C"):
                                                                                                                                                                                                                                                 this.add(panelMain)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  break;
import javax.swing.*;
                  import java.awt.*;
                                                         2
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String result = "Converted Type : " + convertType + "\n" + "Result : " + temperature;
                                                                                                                                                                                            UIManager.setLookAndFeel(UIManager.getSystemLookAndFeelClassName());
                                                                                                                                                                                                                                                                                                                                                                                                       TemperatureConverterGUI gui = new TemperatureConverterGUI();
temperature = ((temperature - 32) * 5) / 9;
                                                                                        JOptionPane.showMessageDialog(panelMain, result);
                                                                                                                                                                                                                                                                                                } catch (UnsupportedLookAndFeelException e)
                                                                                                                                                               //Set Windows's Component To Your Project
                                                                                                                                                                                                                                        } catch (InstantiationException e) {
                                                                                                                                  public static void main(String[] args){
                                                                                                                                                                                                          } catch (ClassNotFoundException e)
                                                                                                                                                                                                                                                                    } catch (IllegalAccessException e)
                                                                                                                                                                                                                                                                                                                                                                                         SwingUtilities.invokeLater(() -> {
                                                                                                                                                                                                                                                                                                                                                                           //Set UI Thread to another thread
                                                                                                                                                                                                                                                                                                                                                                                                                     gui.setVisible(true);
                                                                                                                                                                                                                                                                                    e.printStackTrace();
                                                                                                                                                                                                                                                                                                                 e.printStackTrace();
                                                                                                                                                                                                                                                      e.printStackTrace();
                                                                                                                                                                                                                          e.printStackTrace();
              break;
                                                                                                                                                                                                                                                                                                                                                                                                                                    Ξ,
                                                                                                                                                                                                                                                                                                                                                                                                                                                               68
69 }
```