**TeachersUI.java :**

package myapp;

import javax.swing.JOptionPane;

/\*\*

\*

\* @author Welcome

\*/

public class TeachersUI extends javax.swing.JFrame {

/\*\*

\* Creates new form TeachersUI

\*/

public TeachersUI() {

initComponents();

}

/\*\*

\* This method is called from within the constructor to initialize the form.

\* WARNING: Do NOT modify this code. The content of this method is always

\* regenerated by the Form Editor.

\*/

@SuppressWarnings("unchecked")

// <editor-fold defaultstate="collapsed" desc="Generated Code">

private void initComponents() {

lbElResults = new javax.swing.JLabel();

lbl1 = new javax.swing.JLabel();

lbl2 = new javax.swing.JLabel();

lbl3 = new javax.swing.JLabel();

lbl4 = new javax.swing.JLabel();

txtMmarks = new javax.swing.JTextField();

txtCmarks = new javax.swing.JTextField();

txtPmarks = new javax.swing.JTextField();

txtEmarks = new javax.swing.JTextField();

btnTsubmit = new javax.swing.JButton();

jLabel1 = new javax.swing.JLabel();

txtSname = new javax.swing.JTextField();

setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE\_ON\_CLOSE);

setTitle("Teacher's UI");

lbElResults.setFont(new java.awt.Font("Times New Roman", 1, 24)); // NOI18N

lbElResults.setForeground(new java.awt.Color(204, 51, 0));

lbElResults.setText("Entering Results");

lbl1.setText("Maths :");

lbl2.setText("Chemistry :");

lbl3.setText("Physics :");

lbl4.setText("English :");

txtMmarks.setBackground(new java.awt.Color(204, 255, 255));

txtCmarks.setBackground(new java.awt.Color(153, 255, 204));

txtPmarks.setBackground(new java.awt.Color(204, 204, 204));

txtEmarks.setBackground(new java.awt.Color(204, 204, 255));

btnTsubmit.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N

btnTsubmit.setText("Submit");

btnTsubmit.addActionListener(new java.awt.event.ActionListener() {

public void actionPerformed(java.awt.event.ActionEvent evt) {

btnTsubmitActionPerformed(evt);

}

});

jLabel1.setText("Student Name :");

txtSname.setBackground(new java.awt.Color(255, 204, 204));

javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());

getContentPane().setLayout(layout);

layout.setHorizontalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addContainerGap(217, Short.MAX\_VALUE)

.addComponent(lbElResults)

.addGap(209, 209, 209))

.addGroup(layout.createSequentialGroup()

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(174, 174, 174)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addComponent(lbl1)

.addComponent(lbl3)

.addComponent(lbl4)

.addComponent(lbl2)

.addComponent(jLabel1))

.addGap(48, 48, 48)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)

.addComponent(txtMmarks)

.addComponent(txtCmarks)

.addComponent(txtPmarks)

.addComponent(txtEmarks, javax.swing.GroupLayout.DEFAULT\_SIZE, 154, Short.MAX\_VALUE)

.addComponent(txtSname)))

.addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()

.addGap(172, 172, 172)

.addComponent(btnTsubmit)))

.addContainerGap(javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE))

);

layout.setVerticalGroup(

layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(layout.createSequentialGroup()

.addGap(49, 49, 49)

.addComponent(lbElResults)

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 60, Short.MAX\_VALUE)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(jLabel1)

.addComponent(txtSname, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(txtMmarks, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(lbl1))

.addGap(18, 18, 18)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(txtCmarks, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(lbl2))

.addGap(26, 26, 26)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(lbl3)

.addComponent(txtPmarks, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(24, 24, 24)

.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)

.addComponent(txtEmarks, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(lbl4))

.addGap(27, 27, 27)

.addComponent(btnTsubmit)

.addGap(35, 35, 35))

);

pack();

setLocationRelativeTo(null);

}// </editor-fold>

private void btnTsubmitActionPerformed(java.awt.event.ActionEvent evt) {

// TODO add your handling code here:

if(txtSname.getText().trim().isEmpty()){

JOptionPane.showMessageDialog(TeachersUI.this, "Enter Student name.");

txtSname.grabFocus();

return;

}

else if(txtMmarks.getText().trim().isEmpty()){

JOptionPane.showMessageDialog(TeachersUI.this, "Enter Maths marks!");

txtMmarks.grabFocus();

return;

}

else if(txtCmarks.getText().trim().isEmpty()){

JOptionPane.showMessageDialog(TeachersUI.this, "Enter Chemistry marks!");

txtCmarks.grabFocus();

return;

}

else if(txtPmarks.getText().trim().isEmpty()){

JOptionPane.showMessageDialog(TeachersUI.this, "Enter Physics marks!");

txtPmarks.grabFocus();

return;

}

else if(txtEmarks.getText().trim().isEmpty()){

JOptionPane.showMessageDialog(TeachersUI.this, "Enter English marks!");

txtEmarks.grabFocus();

return;

}

int Maths=Integer.parseInt(txtMmarks.getText());

int chemistry=Integer.parseInt(txtCmarks.getText());

int physics=Integer.parseInt(txtPmarks.getText());

int English=Integer.parseInt(txtEmarks.getText());

int totalmark=Maths+chemistry+physics+English;

float percentage=(totalmark/4);

JOptionPane.showMessageDialog(rootPane, "Student has scored :" +percentage+"%");

}

/\*\*

\* @param args the command line arguments

\*/

public static void main(String args[]) {

/\* Set the Nimbus look and feel \*/

//<editor-fold defaultstate="collapsed" desc=" Look and feel setting code (optional) ">

/\* If Nimbus (introduced in Java SE 6) is not available, stay with the default look and feel.

\* For details see http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

\*/

try {

for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.getInstalledLookAndFeels()) {

if ("Nimbus".equals(info.getName())) {

javax.swing.UIManager.setLookAndFeel(info.getClassName());

break;

}

}

} catch (ClassNotFoundException ex) {

java.util.logging.Logger.getLogger(TeachersUI.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

java.util.logging.Logger.getLogger(TeachersUI.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (IllegalAccessException ex) {

java.util.logging.Logger.getLogger(TeachersUI.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(TeachersUI.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

}

//</editor-fold>

/\* Create and display the form \*/

java.awt.EventQueue.invokeLater(new Runnable() {

public void run() {

new TeachersUI().setVisible(true);

}

});

}

// Variables declaration - do not modify

private javax.swing.JButton btnTsubmit;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel lbElResults;

private javax.swing.JLabel lbl1;

private javax.swing.JLabel lbl2;

private javax.swing.JLabel lbl3;

private javax.swing.JLabel lbl4;

private javax.swing.JTextField txtCmarks;

private javax.swing.JTextField txtEmarks;

private javax.swing.JTextField txtMmarks;

private javax.swing.JTextField txtPmarks;

private javax.swing.JTextField txtSname;

// End of variables declaration

}