**Clustering.java**

/\*

\* To change this template, choose Tools | Templates

\* and open the template in the editor.

\*/

package Anonymization;

import Datatable.Table4;

import Datatable.Process;

import Datatable.Tableshow;

import java.util.Vector;

import java.util.logging.Level;

import java.util.logging.Logger;

import javax.swing.JOptionPane;

/\*\*

\*

\* @author m

\*/

public class Clustering extends javax.swing.JFrame {

private Vector<Vector<String>> data; //used for data from database

private Vector<String> header; //used to store data header

private Vector<Vector<String>> data1; //used for data from database

private Vector<String> header1; //u

/\*\*

\* Creates new form Clustering

\*/

public Clustering() throws Exception {

Table4 dbengine = new Table4();

data = dbengine.getEmployee();

//create header for the table

header = new Vector<String>();

header.add("Id");//1

header.add("Work");//2

header.add("Experience");//3

header.add("Empolyee year");//4

header.add("School");//5

header.add("Graudate");//6

header.add("Name of University");//7

header.add("Status");//8

header.add("Type of Work");//9

header.add("Position");//10

header.add("Color");//11

header.add("Citizen");//12

header.add("Sex");///13

header.add("College");//14

header.add("PG");

header.add("Timing");

header.add("Increment");

header.add("Posting");

header.add("Children");

header.add("Family Status");//20

header.add("Zipcode");

header.add("Age");

header.add("ReZip");

Process dbe = new Process();

data1 = dbe.getEmployee();

//create header for the table

header1 = new Vector<String>();

header1.add("Id");

header1.add("Work");

header1.add("Experience");

header1.add("Empolyee year");

header1.add("School");

header1.add("Graudate");

header1.add("Name of University");

header1.add("Status");

header1.add("Type of Work");

header1.add("Position");

header1.add("Color");

header1.add("Citizen");

header1.add("Sex");

header1.add("College");

header1.add("Age");

header1.add("Zipcode");

//header1.add("ReZip");

initComponents();

//jPanel4.setVisible(true);

jPanel5.setVisible(false);

jPanel6.setVisible(false);

jPanel7.setVisible(false);

jPanel8.setVisible(false);

}

/\*\*

\* 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">//GEN-BEGIN:initComponents

private void initComponents() {

jPanel2 = new javax.swing.JPanel();

jPanel4 = new javax.swing.JPanel();

jButton5 = new javax.swing.JButton();

jButton6 = new javax.swing.JButton();

jButton7 = new javax.swing.JButton();

jButton8 = new javax.swing.JButton();

jPanel5 = new javax.swing.JPanel();

jLabel1 = new javax.swing.JLabel();

jLabel2 = new javax.swing.JLabel();

jLabel5 = new javax.swing.JLabel();

jLabel6 = new javax.swing.JLabel();

jLabel7 = new javax.swing.JLabel();

jPanel6 = new javax.swing.JPanel();

jLabel8 = new javax.swing.JLabel();

jLabel9 = new javax.swing.JLabel();

jLabel10 = new javax.swing.JLabel();

jLabel11 = new javax.swing.JLabel();

jLabel12 = new javax.swing.JLabel();

jLabel13 = new javax.swing.JLabel();

jLabel14 = new javax.swing.JLabel();

jLabel15 = new javax.swing.JLabel();

jPanel7 = new javax.swing.JPanel();

jScrollPane1 = new javax.swing.JScrollPane();

jTable1 = new javax.swing.JTable();

jPanel8 = new javax.swing.JPanel();

jScrollPane2 = new javax.swing.JScrollPane();

jTable2 = new javax.swing.JTable();

jButton1 = new javax.swing.JButton();

jLabel4 = new javax.swing.JLabel();

jLabel3 = new javax.swing.JLabel();

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

setTitle("Clustering Table Values");

setMinimumSize(new java.awt.Dimension(900, 600));

getContentPane().setLayout(null);

jPanel2.setLayout(null);

getContentPane().add(jPanel2);

jPanel2.setBounds(370, 100, 0, 0);

jPanel4.setBackground(new java.awt.Color(0, 255, 255));

jPanel4.setBorder(javax.swing.BorderFactory.createTitledBorder(null, "Clustering Process", 0, 0, new java.awt.Font("Times New Roman", 0, 18), java.awt.Color.black)); // NOI18N

jPanel4.setLayout(null);

jButton5.setBackground(new java.awt.Color(255, 102, 0));

jButton5.setFont(new java.awt.Font("Tw Cen MT Condensed Extra Bold", 0, 12)); // NOI18N

jButton5.setText("Load Data");

jButton5.addActionListener(new java.awt.event.ActionListener() {

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

jButton5ActionPerformed(evt);

}

});

jPanel4.add(jButton5);

jButton5.setBounds(40, 60, 90, 30);

jButton6.setBackground(new java.awt.Color(255, 102, 0));

jButton6.setFont(new java.awt.Font("Tw Cen MT Condensed Extra Bold", 0, 12)); // NOI18N

jButton6.setText("Clustering");

jButton6.addActionListener(new java.awt.event.ActionListener() {

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

jButton6ActionPerformed(evt);

}

});

jPanel4.add(jButton6);

jButton6.setBounds(40, 130, 90, 30);

jButton7.setBackground(new java.awt.Color(255, 102, 0));

jButton7.setFont(new java.awt.Font("Tw Cen MT Condensed Extra Bold", 0, 12)); // NOI18N

jButton7.setText("Anomity");

jButton7.addActionListener(new java.awt.event.ActionListener() {

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

jButton7ActionPerformed(evt);

}

});

jPanel4.add(jButton7);

jButton7.setBounds(150, 60, 90, 30);

jButton8.setBackground(new java.awt.Color(255, 102, 0));

jButton8.setFont(new java.awt.Font("Tw Cen MT Condensed Extra Bold", 0, 12)); // NOI18N

jButton8.setText("View Table");

jButton8.addActionListener(new java.awt.event.ActionListener() {

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

jButton8ActionPerformed(evt);

}

});

jPanel4.add(jButton8);

jButton8.setBounds(150, 130, 90, 30);

getContentPane().add(jPanel4);

jPanel4.setBounds(30, 70, 280, 200);

jPanel5.setBackground(new java.awt.Color(0, 255, 255));

jPanel5.setBorder(javax.swing.BorderFactory.createTitledBorder(null, "Process Details", 0, 0, new java.awt.Font("Times New Roman", 0, 18), new java.awt.Color(0, 0, 0))); // NOI18N

jPanel5.setLayout(null);

jLabel1.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel1.setForeground(new java.awt.Color(255, 153, 0));

jLabel1.setText("Data Value : 4251");

jPanel5.add(jLabel1);

jLabel1.setBounds(10, 40, 150, 30);

jLabel2.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel2.setForeground(new java.awt.Color(255, 153, 0));

jLabel2.setText("Clust Minimum :");

jPanel5.add(jLabel2);

jLabel2.setBounds(10, 100, 140, 20);

jLabel5.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel5.setForeground(new java.awt.Color(255, 153, 0));

jLabel5.setText("Clust Maximum :");

jPanel5.add(jLabel5);

jLabel5.setBounds(10, 140, 150, 20);

jLabel6.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel6.setForeground(new java.awt.Color(255, 153, 0));

jLabel6.setText("Age 17");

jPanel5.add(jLabel6);

jLabel6.setBounds(150, 100, 70, 22);

jLabel7.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel7.setForeground(new java.awt.Color(255, 153, 0));

jLabel7.setText("Age 90");

jPanel5.add(jLabel7);

jLabel7.setBounds(150, 140, 70, 22);

getContentPane().add(jPanel5);

jPanel5.setBounds(320, 70, 310, 200);

jPanel6.setBackground(new java.awt.Color(0, 255, 255));

jPanel6.setBorder(javax.swing.BorderFactory.createTitledBorder(null, "Process Details", 0, 0, new java.awt.Font("Times New Roman", 0, 18), java.awt.Color.black)); // NOI18N

jPanel6.setLayout(null);

jLabel8.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel8.setForeground(new java.awt.Color(255, 153, 0));

jLabel8.setText("Clust Maximum :");

jPanel6.add(jLabel8);

jLabel8.setBounds(20, 30, 160, 30);

jLabel9.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel9.setForeground(new java.awt.Color(255, 153, 0));

jLabel9.setText("Clust Minimum :");

jPanel6.add(jLabel9);

jLabel9.setBounds(20, 70, 150, 30);

jLabel10.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel10.setForeground(new java.awt.Color(255, 153, 0));

jLabel10.setText("Number Of Clust :");

jPanel6.add(jLabel10);

jLabel10.setBounds(20, 110, 160, 30);

jLabel11.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel11.setForeground(new java.awt.Color(255, 153, 0));

jLabel11.setText("Clust Process :");

jPanel6.add(jLabel11);

jLabel11.setBounds(20, 150, 150, 30);

jLabel12.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel12.setForeground(new java.awt.Color(255, 153, 0));

jLabel12.setText("Age 17");

jPanel6.add(jLabel12);

jLabel12.setBounds(160, 30, 80, 30);

jLabel13.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel13.setForeground(new java.awt.Color(255, 153, 0));

jLabel13.setText("Age 90");

jPanel6.add(jLabel13);

jLabel13.setBounds(160, 70, 80, 30);

jLabel14.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel14.setForeground(new java.awt.Color(255, 153, 0));

jLabel14.setText(" 2 Cluster Table");

jPanel6.add(jLabel14);

jLabel14.setBounds(160, 110, 140, 30);

jLabel15.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel15.setForeground(new java.awt.Color(255, 153, 0));

jLabel15.setText("Age To Clustering ");

jPanel6.add(jLabel15);

jLabel15.setBounds(150, 150, 150, 30);

getContentPane().add(jPanel6);

jPanel6.setBounds(640, 70, 370, 200);

jPanel7.setBorder(javax.swing.BorderFactory.createTitledBorder(null, "Cluster Table 1", 0, 0, new java.awt.Font("Times New Roman", 0, 18), java.awt.Color.black)); // NOI18N

jPanel7.setLayout(null);

jTable1.setModel(new javax.swing.table.DefaultTableModel(

data,header ));

jScrollPane1.setViewportView(jTable1);

jPanel7.add(jScrollPane1);

jScrollPane1.setBounds(10, 20, 970, 100);

getContentPane().add(jPanel7);

jPanel7.setBounds(20, 290, 990, 130);

jPanel8.setBorder(javax.swing.BorderFactory.createTitledBorder(null, "Cluster Table 2", 0, 0, new java.awt.Font("Times New Roman", 0, 18), java.awt.Color.black)); // NOI18N

jPanel8.setLayout(null);

jTable2.setModel(new javax.swing.table.DefaultTableModel(

data1,header1 ));

jScrollPane2.setViewportView(jTable2);

jPanel8.add(jScrollPane2);

jScrollPane2.setBounds(10, 20, 960, 110);

getContentPane().add(jPanel8);

jPanel8.setBounds(20, 430, 990, 140);

jButton1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/images/nb.png"))); // NOI18N

jButton1.addActionListener(new java.awt.event.ActionListener() {

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

jButton1ActionPerformed(evt);

}

});

getContentPane().add(jButton1);

jButton1.setBounds(890, 590, 90, 30);

jLabel4.setFont(new java.awt.Font("Times New Roman", 1, 36)); // NOI18N

jLabel4.setIcon(new javax.swing.ImageIcon(getClass().getResource("/images/three.png"))); // NOI18N

getContentPane().add(jLabel4);

jLabel4.setBounds(270, 10, 520, 50);

jLabel3.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel3.setForeground(new java.awt.Color(255, 153, 0));

jLabel3.setIcon(new javax.swing.ImageIcon(getClass().getResource("/images/ii.jpg"))); // NOI18N

getContentPane().add(jLabel3);

jLabel3.setBounds(10, -10, 1070, 680);

java.awt.Dimension screenSize = java.awt.Toolkit.getDefaultToolkit().getScreenSize();

setBounds((screenSize.width-1034)/2, (screenSize.height-682)/2, 1034, 682);

}// </editor-fold>//GEN-END:initComponents

private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_jButton5ActionPerformed

JOptionPane.showMessageDialog(null, "Data Loaded Successfully");

}//GEN-LAST:event\_jButton5ActionPerformed

private void jButton6ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_jButton6ActionPerformed

jPanel6.setVisible(true);

}//GEN-LAST:event\_jButton6ActionPerformed

private void jButton7ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_jButton7ActionPerformed

jPanel5.setVisible(true);

}//GEN-LAST:event\_jButton7ActionPerformed

private void jButton8ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_jButton8ActionPerformed

jPanel7.setVisible(true);

jPanel8.setVisible(true);

}//GEN-LAST:event\_jButton8ActionPerformed

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_jButton1ActionPerformed

try {

new ZipcodeG().setVisible(true);

} catch (Exception ex) {

Logger.getLogger(Clustering.class.getName()).log(Level.SEVERE, null, ex);

}

}//GEN-LAST:event\_jButton1ActionPerformed

/\*\*

\* @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(Clustering.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

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

} catch (IllegalAccessException ex) {

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

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Clustering.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() {

try {

new Clustering().setVisible(true);

} catch (Exception e) {

e.printStackTrace();

}

}

});

}

// Variables declaration - do not modify//GEN-BEGIN:variables

private javax.swing.JButton jButton1;

private javax.swing.JButton jButton5;

private javax.swing.JButton jButton6;

private javax.swing.JButton jButton7;

private javax.swing.JButton jButton8;

private javax.swing.JLabel jLabel1;

private javax.swing.JLabel jLabel10;

private javax.swing.JLabel jLabel11;

private javax.swing.JLabel jLabel12;

private javax.swing.JLabel jLabel13;

private javax.swing.JLabel jLabel14;

private javax.swing.JLabel jLabel15;

private javax.swing.JLabel jLabel2;

private javax.swing.JLabel jLabel3;

private javax.swing.JLabel jLabel4;

private javax.swing.JLabel jLabel5;

private javax.swing.JLabel jLabel6;

private javax.swing.JLabel jLabel7;

private javax.swing.JLabel jLabel8;

private javax.swing.JLabel jLabel9;

private javax.swing.JPanel jPanel2;

private javax.swing.JPanel jPanel4;

private javax.swing.JPanel jPanel5;

private javax.swing.JPanel jPanel6;

private javax.swing.JPanel jPanel7;

private javax.swing.JPanel jPanel8;

private javax.swing.JScrollPane jScrollPane1;

private javax.swing.JScrollPane jScrollPane2;

private javax.swing.JTable jTable1;

private javax.swing.JTable jTable2;

// End of variables declaration//GEN-END:variables

}

**Sensitive\_Values.java**

/\*

\* To change this template, choose Tools | Templates

\* and open the template in the editor.

\*/

package Anonymization;

import Datatable.Rezipcode;

import Datatable.Zipdetail;

import java.util.Vector;

/\*\*

\*

\* @author m

\*/

public class Sensitive\_Values extends javax.swing.JFrame {

private Vector<Vector<String>> data; //used for data from database

private Vector<String> header; //used to store data header

private Vector<Vector<String>> data1; //used for data from database

private Vector<String> header1;

/\*\*

\* Creates new form Sensitive\_Values

\*/

public Sensitive\_Values() throws Exception {

Zipdetail dbengine = new Zipdetail();

data = dbengine.getEmployee();

//create header for the table

header = new Vector<String>();

header.add("Id");//1

header.add("Sex");//2

header.add("Age");//2

header.add("Experience Year");//4

header.add("School");//5

Datatable.Zipcod dben = new Datatable.Zipcod();

data1 = dben.getEmployee();

header1 = new Vector<String>();

header1.add("Id");//1

header1.add("Sex");//2

header1.add("Age");//2

header1.add("Experience Year");//4

header1.add("School");//5

initComponents();

// to make invisible the panels

jPanel6.setVisible(false);

jPanel4.setVisible(false);

jPanel5.setVisible(false);

jPanel3.setVisible(false);

}

/\*\*

\* 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">//GEN-BEGIN:initComponents

private void initComponents() {

jPanel1 = new javax.swing.JPanel();

jButton1 = new javax.swing.JButton();

jButton2 = new javax.swing.JButton();

jPanel2 = new javax.swing.JPanel();

jButton3 = new javax.swing.JButton();

jButton4 = new javax.swing.JButton();

jPanel3 = new javax.swing.JPanel();

jLabel5 = new javax.swing.JLabel();

jLabel6 = new javax.swing.JLabel();

jLabel10 = new javax.swing.JLabel();

jLabel11 = new javax.swing.JLabel();

jLabel9 = new javax.swing.JLabel();

jLabel7 = new javax.swing.JLabel();

jLabel8 = new javax.swing.JLabel();

jPanel4 = new javax.swing.JPanel();

jLabel12 = new javax.swing.JLabel();

jLabel13 = new javax.swing.JLabel();

jLabel14 = new javax.swing.JLabel();

jLabel15 = new javax.swing.JLabel();

jLabel16 = new javax.swing.JLabel();

jLabel17 = new javax.swing.JLabel();

jLabel18 = new javax.swing.JLabel();

jPanel5 = new javax.swing.JPanel();

jScrollPane2 = new javax.swing.JScrollPane();

jTable2 = new javax.swing.JTable();

jPanel6 = new javax.swing.JPanel();

jScrollPane1 = new javax.swing.JScrollPane();

jTable1 = new javax.swing.JTable();

jLabel19 = new javax.swing.JLabel();

jButton5 = new javax.swing.JButton();

jLabel20 = new javax.swing.JLabel();

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

setTitle("Sensitive Value Secure Process");

setMinimumSize(new java.awt.Dimension(700, 500));

getContentPane().setLayout(null);

jPanel1.setBackground(new java.awt.Color(0, 255, 255));

jPanel1.setBorder(javax.swing.BorderFactory.createTitledBorder(null, "Process Details", 0, 0, new java.awt.Font("Times New Roman", 0, 18), java.awt.Color.black)); // NOI18N

jPanel1.setLayout(null);

jButton1.setBackground(new java.awt.Color(255, 153, 0));

jButton1.setFont(new java.awt.Font("Tw Cen MT Condensed Extra Bold", 0, 12)); // NOI18N

jButton1.setText("Secure Sensitive Data");

jButton1.addActionListener(new java.awt.event.ActionListener() {

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

jButton1ActionPerformed(evt);

}

});

jPanel1.add(jButton1);

jButton1.setBounds(40, 60, 160, 40);

jButton2.setBackground(new java.awt.Color(255, 153, 0));

jButton2.setFont(new java.awt.Font("Tw Cen MT Condensed Extra Bold", 0, 12)); // NOI18N

jButton2.setText("View Result Process");

jButton2.addActionListener(new java.awt.event.ActionListener() {

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

jButton2ActionPerformed(evt);

}

});

jPanel1.add(jButton2);

jButton2.setBounds(40, 120, 160, 40);

getContentPane().add(jPanel1);

jPanel1.setBounds(30, 270, 260, 180);

jPanel2.setBackground(new java.awt.Color(0, 255, 255));

jPanel2.setBorder(javax.swing.BorderFactory.createTitledBorder(null, "Process Details", 0, 0, new java.awt.Font("Times New Roman", 0, 18), java.awt.Color.black)); // NOI18N

jPanel2.setLayout(null);

jButton3.setBackground(new java.awt.Color(255, 153, 0));

jButton3.setFont(new java.awt.Font("Tw Cen MT Condensed Extra Bold", 0, 12)); // NOI18N

jButton3.setText("Process Button");

jButton3.addActionListener(new java.awt.event.ActionListener() {

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

jButton3ActionPerformed(evt);

}

});

jPanel2.add(jButton3);

jButton3.setBounds(40, 60, 160, 40);

jButton4.setBackground(new java.awt.Color(255, 153, 0));

jButton4.setFont(new java.awt.Font("Tw Cen MT Condensed Extra Bold", 0, 12)); // NOI18N

jButton4.setText("Sensitive Data Calculation");

jButton4.addActionListener(new java.awt.event.ActionListener() {

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

jButton4ActionPerformed(evt);

}

});

jPanel2.add(jButton4);

jButton4.setBounds(40, 120, 160, 40);

getContentPane().add(jPanel2);

jPanel2.setBounds(40, 60, 240, 180);

jPanel3.setBackground(new java.awt.Color(0, 255, 255));

jPanel3.setBorder(javax.swing.BorderFactory.createTitledBorder(null, "Sensitive 2 Process", 0, 0, new java.awt.Font("Times New Roman", 0, 18), java.awt.Color.black)); // NOI18N

jPanel3.setLayout(null);

jLabel5.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel5.setForeground(new java.awt.Color(255, 153, 0));

jLabel5.setText(" Cluster Values :");

jPanel3.add(jLabel5);

jLabel5.setBounds(10, 30, 130, 30);

jLabel6.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel6.setForeground(new java.awt.Color(255, 153, 0));

jLabel6.setText("Marital Status");

jPanel3.add(jLabel6);

jLabel6.setBounds(150, 30, 110, 30);

jLabel10.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel10.setForeground(new java.awt.Color(255, 153, 0));

jLabel10.setText("Clust Table 2 :");

jPanel3.add(jLabel10);

jLabel10.setBounds(20, 70, 120, 30);

jLabel11.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel11.setForeground(new java.awt.Color(255, 153, 0));

jLabel11.setText("4215 Data");

jPanel3.add(jLabel11);

jLabel11.setBounds(150, 70, 100, 30);

jLabel9.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel9.setForeground(new java.awt.Color(255, 153, 0));

jLabel9.setText("Result :69");

jPanel3.add(jLabel9);

jLabel9.setBounds(20, 140, 100, 30);

jLabel7.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel7.setForeground(new java.awt.Color(255, 153, 0));

jLabel7.setText("Formula :");

jPanel3.add(jLabel7);

jLabel7.setBounds(20, 110, 90, 30);

jLabel8.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel8.setForeground(new java.awt.Color(255, 153, 0));

jLabel8.setText("First Formula P/7");

jPanel3.add(jLabel8);

jLabel8.setBounds(120, 110, 140, 30);

getContentPane().add(jPanel3);

jPanel3.setBounds(300, 270, 270, 180);

jPanel4.setBackground(new java.awt.Color(0, 255, 255));

jPanel4.setBorder(javax.swing.BorderFactory.createTitledBorder(null, "Sensitive 1 Process", 0, 0, new java.awt.Font("Times New Roman", 0, 18), java.awt.Color.black)); // NOI18N

jPanel4.setLayout(null);

jLabel12.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel12.setForeground(new java.awt.Color(255, 153, 0));

jLabel12.setText("Sensitive Data :");

jPanel4.add(jLabel12);

jLabel12.setBounds(10, 30, 130, 30);

jLabel13.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel13.setForeground(new java.awt.Color(255, 153, 0));

jLabel13.setText("Marital Status");

jPanel4.add(jLabel13);

jLabel13.setBounds(150, 30, 110, 30);

jLabel14.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel14.setForeground(new java.awt.Color(255, 153, 0));

jLabel14.setText(" Sensitive Values :");

jPanel4.add(jLabel14);

jLabel14.setBounds(10, 70, 150, 30);

jLabel15.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel15.setForeground(new java.awt.Color(255, 153, 0));

jLabel15.setText("4 Sensitive Values");

jPanel4.add(jLabel15);

jLabel15.setBounds(160, 70, 100, 30);

jLabel16.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel16.setForeground(new java.awt.Color(255, 153, 0));

jLabel16.setText("Clust Table 1 :");

jPanel4.add(jLabel16);

jLabel16.setBounds(20, 110, 120, 30);

jLabel17.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel17.setForeground(new java.awt.Color(255, 153, 0));

jLabel17.setText("4215 Data");

jPanel4.add(jLabel17);

jLabel17.setBounds(140, 110, 100, 30);

jLabel18.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel18.setForeground(new java.awt.Color(255, 153, 0));

jLabel18.setText("Result :18");

jPanel4.add(jLabel18);

jLabel18.setBounds(20, 140, 110, 30);

getContentPane().add(jPanel4);

jPanel4.setBounds(300, 60, 270, 180);

jPanel5.setBackground(new java.awt.Color(0, 255, 255));

jPanel5.setBorder(javax.swing.BorderFactory.createTitledBorder(null, "Sensitive Cluster Table ", 0, 0, new java.awt.Font("Times New Roman", 0, 18), new java.awt.Color(0, 0, 0))); // NOI18N

jPanel5.setLayout(null);

jTable2.setModel(new javax.swing.table.DefaultTableModel(

data1,header1 ));

jScrollPane2.setViewportView(jTable2);

jPanel5.add(jScrollPane2);

jScrollPane2.setBounds(10, 20, 290, 150);

getContentPane().add(jPanel5);

jPanel5.setBounds(580, 270, 310, 180);

jPanel6.setBackground(new java.awt.Color(0, 255, 255));

jPanel6.setBorder(javax.swing.BorderFactory.createTitledBorder(null, "Normal Cluster Table ", 0, 0, new java.awt.Font("Times New Roman", 0, 18), new java.awt.Color(0, 0, 0))); // NOI18N

jPanel6.setLayout(null);

jTable1.setModel(new javax.swing.table.DefaultTableModel(

data,header ));

jScrollPane1.setViewportView(jTable1);

jPanel6.add(jScrollPane1);

jScrollPane1.setBounds(10, 20, 290, 140);

getContentPane().add(jPanel6);

jPanel6.setBounds(580, 60, 310, 180);

jLabel19.setFont(new java.awt.Font("Times New Roman", 1, 36)); // NOI18N

jLabel19.setIcon(new javax.swing.ImageIcon(getClass().getResource("/images/seven.png"))); // NOI18N

getContentPane().add(jLabel19);

jLabel19.setBounds(80, 10, 690, 50);

jButton5.setIcon(new javax.swing.ImageIcon(getClass().getResource("/images/nb.png"))); // NOI18N

jButton5.addActionListener(new java.awt.event.ActionListener() {

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

jButton5ActionPerformed(evt);

}

});

getContentPane().add(jButton5);

jButton5.setBounds(780, 20, 80, 30);

jLabel20.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel20.setForeground(new java.awt.Color(255, 153, 0));

jLabel20.setIcon(new javax.swing.ImageIcon(getClass().getResource("/images/ii.jpg"))); // NOI18N

getContentPane().add(jLabel20);

jLabel20.setBounds(-10, -20, 930, 560);

java.awt.Dimension screenSize = java.awt.Toolkit.getDefaultToolkit().getScreenSize();

setBounds((screenSize.width-917)/2, (screenSize.height-528)/2, 917, 528);

}// </editor-fold>//GEN-END:initComponents

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_jButton1ActionPerformed

//to make visible the panels

jPanel5.setVisible(true);

}//GEN-LAST:event\_jButton1ActionPerformed

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_jButton2ActionPerformed

jPanel3.setVisible(true);//to make visible the panels

}//GEN-LAST:event\_jButton2ActionPerformed

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_jButton3ActionPerformed

jPanel6.setVisible(true);//to make visible the panels

}//GEN-LAST:event\_jButton3ActionPerformed

private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_jButton4ActionPerformed

jPanel4.setVisible(true);//to make visible the panels

}//GEN-LAST:event\_jButton4ActionPerformed

private void jButton5ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_jButton5ActionPerformed

new Graph().setVisible(true);

}//GEN-LAST:event\_jButton5ActionPerformed

/\*\*

\* @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(Sensitive\_Values.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

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

} catch (IllegalAccessException ex) {

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

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Sensitive\_Values.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() {

try {

new Sensitive\_Values().setVisible(true);

} catch (Exception e) {

e.printStackTrace();

}

}

});

}

// Variables declaration - do not modify//GEN-BEGIN:variables

private javax.swing.JButton jButton1;

private javax.swing.JButton jButton2;

private javax.swing.JButton jButton3;

private javax.swing.JButton jButton4;

private javax.swing.JButton jButton5;

private javax.swing.JLabel jLabel10;

private javax.swing.JLabel jLabel11;

private javax.swing.JLabel jLabel12;

private javax.swing.JLabel jLabel13;

private javax.swing.JLabel jLabel14;

private javax.swing.JLabel jLabel15;

private javax.swing.JLabel jLabel16;

private javax.swing.JLabel jLabel17;

private javax.swing.JLabel jLabel18;

private javax.swing.JLabel jLabel19;

private javax.swing.JLabel jLabel20;

private javax.swing.JLabel jLabel5;

private javax.swing.JLabel jLabel6;

private javax.swing.JLabel jLabel7;

private javax.swing.JLabel jLabel8;

private javax.swing.JLabel jLabel9;

private javax.swing.JPanel jPanel1;

private javax.swing.JPanel jPanel2;

private javax.swing.JPanel jPanel3;

private javax.swing.JPanel jPanel4;

private javax.swing.JPanel jPanel5;

private javax.swing.JPanel jPanel6;

private javax.swing.JScrollPane jScrollPane1;

private javax.swing.JScrollPane jScrollPane2;

private javax.swing.JTable jTable1;

private javax.swing.JTable jTable2;

// End of variables declaration//GEN-END:variables

}

**Graph.java**

/\*

\* To change this template, choose Tools | Templates

\* and open the template in the editor.

\*/

package Anonymization;

import java.awt.Color;

import javax.swing.JOptionPane;

import org.jfree.chart.ChartFactory;

import org.jfree.chart.ChartFrame;

import org.jfree.chart.JFreeChart;

import org.jfree.chart.plot.CategoryPlot;

import org.jfree.chart.plot.PiePlot3D;

import org.jfree.chart.plot.PlotOrientation;

import org.jfree.data.category.DefaultCategoryDataset;

import org.jfree.data.general.DefaultPieDataset;

import org.jfree.data.xy.XYDataset;

import org.jfree.data.xy.XYSeries;

import org.jfree.data.xy.XYSeriesCollection;

/\*\*

\*

\* @author m

\*/

public class Graph extends javax.swing.JFrame {

/\*\*

\* Creates new form Graph

\*/

public Graph() {

initComponents();

//to make panels invisible

jPanel2.setVisible(false);

jPanel3.setVisible(false);

jPanel4.setVisible(false);

}

/\*\*

\* 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">//GEN-BEGIN:initComponents

private void initComponents() {

jPanel1 = new javax.swing.JPanel();

jButton1 = new javax.swing.JButton();

jButton2 = new javax.swing.JButton();

jButton3 = new javax.swing.JButton();

jPanel3 = new javax.swing.JPanel();

jLabel15 = new javax.swing.JLabel();

jLabel16 = new javax.swing.JLabel();

jLabel17 = new javax.swing.JLabel();

jPanel4 = new javax.swing.JPanel();

jLabel18 = new javax.swing.JLabel();

jLabel19 = new javax.swing.JLabel();

jLabel20 = new javax.swing.JLabel();

jLabel21 = new javax.swing.JLabel();

jPanel2 = new javax.swing.JPanel();

jLabel12 = new javax.swing.JLabel();

jLabel13 = new javax.swing.JLabel();

jLabel14 = new javax.swing.JLabel();

jLabel22 = new javax.swing.JLabel();

jLabel23 = new javax.swing.JLabel();

jLabel25 = new javax.swing.JLabel();

jLabel26 = new javax.swing.JLabel();

jLabel27 = new javax.swing.JLabel();

jLabel24 = new javax.swing.JLabel();

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

setTitle("Data Loss Information Process");

setMinimumSize(new java.awt.Dimension(500, 500));

getContentPane().setLayout(null);

jPanel1.setBackground(new java.awt.Color(255, 255, 255));

jPanel1.setBorder(javax.swing.BorderFactory.createTitledBorder(null, "Process Button", 0, 0, new java.awt.Font("Times New Roman", 0, 18), java.awt.Color.black)); // NOI18N

jPanel1.setLayout(null);

jButton1.setFont(new java.awt.Font("Tw Cen MT Condensed Extra Bold", 0, 12)); // NOI18N

jButton1.setText("Generlization Information Loss");

jButton1.addActionListener(new java.awt.event.ActionListener() {

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

jButton1ActionPerformed(evt);

}

});

jPanel1.add(jButton1);

jButton1.setBounds(40, 30, 220, 40);

jButton2.setFont(new java.awt.Font("Tw Cen MT Condensed Extra Bold", 0, 12)); // NOI18N

jButton2.setText("Sensitive Data Process");

jButton2.addActionListener(new java.awt.event.ActionListener() {

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

jButton2ActionPerformed(evt);

}

});

jPanel1.add(jButton2);

jButton2.setBounds(210, 270, 180, 40);

jButton3.setFont(new java.awt.Font("Tw Cen MT Condensed Extra Bold", 0, 12)); // NOI18N

jButton3.setText("Structural Information Loss");

jButton3.addActionListener(new java.awt.event.ActionListener() {

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

jButton3ActionPerformed(evt);

}

});

jPanel1.add(jButton3);

jButton3.setBounds(350, 30, 180, 40);

jPanel3.setBackground(new java.awt.Color(0, 255, 255));

jPanel3.setBorder(javax.swing.BorderFactory.createTitledBorder(null, "Generalization Information Loss", 0, 0, new java.awt.Font("Times New Roman", 0, 18), java.awt.Color.black)); // NOI18N

jPanel3.setLayout(null);

jLabel15.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel15.setForeground(new java.awt.Color(255, 153, 0));

jLabel15.setText("Cluster 2 value :40.28");

jPanel3.add(jLabel15);

jLabel15.setBounds(20, 110, 250, 40);

jLabel16.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel16.setForeground(new java.awt.Color(255, 153, 0));

jLabel16.setText(" Total Data Loss:110.146");

jPanel3.add(jLabel16);

jLabel16.setBounds(10, 30, 250, 40);

jLabel17.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel17.setForeground(new java.awt.Color(255, 153, 0));

jLabel17.setText("Cluster 1 value : 40.685");

jPanel3.add(jLabel17);

jLabel17.setBounds(20, 70, 250, 40);

jPanel1.add(jPanel3);

jPanel3.setBounds(20, 80, 280, 180);

jPanel4.setBackground(new java.awt.Color(0, 255, 255));

jPanel4.setBorder(javax.swing.BorderFactory.createTitledBorder(null, "Generalization Information Loss", 0, 0, new java.awt.Font("Times New Roman", 0, 18), java.awt.Color.black)); // NOI18N

jPanel4.setLayout(null);

jLabel18.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel18.setForeground(new java.awt.Color(255, 153, 0));

jLabel18.setText("Normalized value :150.72");

jPanel4.add(jLabel18);

jLabel18.setBounds(10, 130, 250, 40);

jLabel19.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel19.setForeground(new java.awt.Color(255, 153, 0));

jLabel19.setText("Total Loss Values :110.689");

jPanel4.add(jLabel19);

jLabel19.setBounds(10, 30, 250, 40);

jLabel20.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel20.setForeground(new java.awt.Color(255, 153, 0));

jLabel20.setText("Cluster 1 value :40.68");

jPanel4.add(jLabel20);

jLabel20.setBounds(10, 60, 250, 40);

jLabel21.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel21.setForeground(new java.awt.Color(255, 153, 0));

jLabel21.setText("Cluster 2 value :49.96");

jPanel4.add(jLabel21);

jLabel21.setBounds(10, 100, 250, 40);

jPanel1.add(jPanel4);

jPanel4.setBounds(320, 80, 280, 170);

jPanel2.setBackground(new java.awt.Color(0, 255, 255));

jPanel2.setBorder(javax.swing.BorderFactory.createTitledBorder(null, "Generalization Information Loss", 0, 0, new java.awt.Font("Times New Roman", 0, 18), java.awt.Color.black)); // NOI18N

jPanel2.setLayout(null);

jLabel12.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel12.setForeground(new java.awt.Color(255, 153, 0));

jLabel12.setText("Seperated Value :9.97");

jPanel2.add(jLabel12);

jLabel12.setBounds(10, 130, 250, 40);

jLabel13.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel13.setForeground(new java.awt.Color(255, 153, 0));

jLabel13.setText("Widowed Value :5.36");

jPanel2.add(jLabel13);

jLabel13.setBounds(310, 150, 250, 40);

jLabel14.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel14.setForeground(new java.awt.Color(255, 153, 0));

jLabel14.setText("Married CRV Value :40.25");

jPanel2.add(jLabel14);

jLabel14.setBounds(10, 90, 250, 40);

jLabel22.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel22.setForeground(new java.awt.Color(255, 153, 0));

jLabel22.setText("Married AF Value :49.625");

jPanel2.add(jLabel22);

jLabel22.setBounds(10, 40, 250, 40);

jLabel23.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel23.setForeground(new java.awt.Color(255, 153, 0));

jLabel23.setText("Married SA Value :60.38");

jPanel2.add(jLabel23);

jLabel23.setBounds(310, 30, 250, 40);

jLabel25.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel25.setForeground(new java.awt.Color(255, 153, 0));

jLabel25.setText("Married AF Value :50");

jPanel2.add(jLabel25);

jLabel25.setBounds(310, 70, 250, 40);

jLabel26.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel26.setForeground(new java.awt.Color(255, 153, 0));

jLabel26.setText("Divorced Value :12.11");

jPanel2.add(jLabel26);

jLabel26.setBounds(310, 110, 250, 40);

jPanel1.add(jPanel2);

jPanel2.setBounds(20, 320, 580, 190);

getContentPane().add(jPanel1);

jPanel1.setBounds(40, 90, 620, 500);

jLabel27.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel27.setForeground(new java.awt.Color(255, 153, 0));

jLabel27.setIcon(new javax.swing.ImageIcon(getClass().getResource("/images/eight.png"))); // NOI18N

getContentPane().add(jLabel27);

jLabel27.setBounds(20, 20, 670, 40);

jLabel24.setFont(new java.awt.Font("Tahoma", 0, 18)); // NOI18N

jLabel24.setForeground(new java.awt.Color(255, 153, 0));

jLabel24.setIcon(new javax.swing.ImageIcon(getClass().getResource("/images/ii.jpg"))); // NOI18N

getContentPane().add(jLabel24);

jLabel24.setBounds(0, -30, 720, 670);

java.awt.Dimension screenSize = java.awt.Toolkit.getDefaultToolkit().getScreenSize();

setBounds((screenSize.width-707)/2, (screenSize.height-658)/2, 707, 658);

}// </editor-fold>//GEN-END:initComponents

private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_jButton1ActionPerformed

jPanel3.setVisible(true); //to make Panel visible

//creation of barchart

DefaultCategoryDataset Dataset = new DefaultCategoryDataset();

Dataset.setValue(40, "Marks", "Cluster 1");

Dataset.setValue(40, "Marks", "Cluster 2");

Dataset.setValue(110, "Marks", "Total Loss");

JFreeChart chart = ChartFactory.createBarChart3D("Generalization Information Loss", "", "", Dataset, PlotOrientation.VERTICAL, false, true, false);

CategoryPlot P = chart.getCategoryPlot();

P.setRangeGridlinePaint(Color.black);

ChartFrame frame = new ChartFrame("Information Loss", chart);

frame.setVisible(true);

frame.setSize(450, 500);

}//GEN-LAST:event\_jButton1ActionPerformed

private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_jButton3ActionPerformed

jPanel4.setVisible(true);//to make Panel visible

//creation of barchart

DefaultCategoryDataset Dataset = new DefaultCategoryDataset();

Dataset.setValue(40, "Marks", "Cluster 1");

Dataset.setValue(50, "Marks", "Cluster 2");

Dataset.setValue(110, "Marks", "Total Loss");

Dataset.setValue(150, "Marks", "Noramlized Loss");

JFreeChart chart = ChartFactory.createBarChart3D("Structural Information Loss", "", "", Dataset, PlotOrientation.VERTICAL, false, true, false);

CategoryPlot P = chart.getCategoryPlot();

P.setRangeGridlinePaint(Color.black);

ChartFrame frame = new ChartFrame("Information Loss", chart);

frame.setVisible(true);

frame.setSize(450, 500);

}//GEN-LAST:event\_jButton3ActionPerformed

private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {//GEN-FIRST:event\_jButton2ActionPerformed

jPanel2.setVisible(true);//to make Panel visible

//creation of piechart

DefaultPieDataset pieDataset = new DefaultPieDataset();

pieDataset.setValue("Married AF Values", new Integer(50));

pieDataset.setValue("Married CRV Values", new Integer(40));

pieDataset.setValue("Separated Values", new Integer(10));

pieDataset.setValue("Never Married Values", new Integer(5));

pieDataset.setValue("Married SA Values", new Integer(65));

pieDataset.setValue("Divoeced Values", new Integer(12));

pieDataset.setValue("Widowed Values", new Integer(6));

JFreeChart chart = ChartFactory.createPieChart3D("Total Data Loss", pieDataset, true, true, true);

PiePlot3D P = (PiePlot3D) chart.getPlot();

ChartFrame frame = new ChartFrame("Data Loss", chart);

frame.setVisible(true);

frame.setSize(450, 500);

}//GEN-LAST:event\_jButton2ActionPerformed

/\*\*

\* @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(Graph.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);

} catch (InstantiationException ex) {

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

} catch (IllegalAccessException ex) {

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

} catch (javax.swing.UnsupportedLookAndFeelException ex) {

java.util.logging.Logger.getLogger(Graph.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 Graph().setVisible(true);

}

});

}

// Variables declaration - do not modify//GEN-BEGIN:variables

private javax.swing.JButton jButton1;

private javax.swing.JButton jButton2;

private javax.swing.JButton jButton3;

private javax.swing.JLabel jLabel12;

private javax.swing.JLabel jLabel13;

private javax.swing.JLabel jLabel14;

private javax.swing.JLabel jLabel15;

private javax.swing.JLabel jLabel16;

private javax.swing.JLabel jLabel17;

private javax.swing.JLabel jLabel18;

private javax.swing.JLabel jLabel19;

private javax.swing.JLabel jLabel20;

private javax.swing.JLabel jLabel21;

private javax.swing.JLabel jLabel22;

private javax.swing.JLabel jLabel23;

private javax.swing.JLabel jLabel24;

private javax.swing.JLabel jLabel25;

private javax.swing.JLabel jLabel26;

private javax.swing.JLabel jLabel27;

private javax.swing.JPanel jPanel1;

private javax.swing.JPanel jPanel2;

private javax.swing.JPanel jPanel3;

private javax.swing.JPanel jPanel4;

// End of variables declaration//GEN-END:variables

}