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Kode :

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| */\**  *\* Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this license*  *\* Click nbfs://nbhost/SystemFileSystem/Templates/GUIForms/JFrame.java to edit this template*  *\*/*  */\*\**  *\**  *\* @author Tyo*  *\*/*  public class MainFrame extends javax.swing.JFrame {  */\*\**  *\* Creates new form MainFrame*  *\*/*      public MainFrame() {          initComponents();          contentScrollPane.setViewportView(new LoginPanel(contentScrollPane));      }  */\*\**  *\* 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() {          buttonGroup1 = new javax.swing.ButtonGroup();          contentScrollPane = new javax.swing.JScrollPane();          jMenuBar1 = new javax.swing.JMenuBar();          jMenu1 = new javax.swing.JMenu();          homeMenuItem = new javax.swing.JMenuItem();          jMenu2 = new javax.swing.JMenu();          mahasiswaMenuItem = new javax.swing.JMenuItem();          setDefaultCloseOperation(javax.swing.WindowConstants.EXIT\_ON\_CLOSE);          jMenu1.setText("File");          homeMenuItem.setText("Home");          homeMenuItem.addActionListener(new java.awt.event.ActionListener() {              public void actionPerformed(java.awt.event.ActionEvent *evt*) {                  homeMenuItemActionPerformed(*evt*);              }          });          jMenu1.add(homeMenuItem);          jMenuBar1.add(jMenu1);          jMenu2.setText("Entri");          mahasiswaMenuItem.setText("Mahasiswa");          mahasiswaMenuItem.addActionListener(new java.awt.event.ActionListener() {              public void actionPerformed(java.awt.event.ActionEvent *evt*) {                  mahasiswaMenuItemActionPerformed(*evt*);              }          });          jMenu2.add(mahasiswaMenuItem);          jMenuBar1.add(jMenu2);          setJMenuBar(jMenuBar1);          javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());          getContentPane().setLayout(layout);          layout.setHorizontalGroup(              layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)              .addGroup(layout.createSequentialGroup()                  .addContainerGap()                  .addComponent(contentScrollPane, javax.swing.GroupLayout.DEFAULT\_SIZE, 723, Short.MAX\_VALUE)                  .addContainerGap())          );          layout.setVerticalGroup(              layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)              .addGroup(layout.createSequentialGroup()                  .addContainerGap()                  .addComponent(contentScrollPane, javax.swing.GroupLayout.DEFAULT\_SIZE, 425, Short.MAX\_VALUE)                  .addContainerGap())          );          pack();      }*// </editor-fold>//GEN-END:initComponents*      private void homeMenuItemActionPerformed(java.awt.event.ActionEvent *evt*) {*//GEN-FIRST:event\_homeMenuItemActionPerformed*  *// TODO add your handling code here:*          contentScrollPane.setViewportView(new HomePanel());      }*//GEN-LAST:event\_homeMenuItemActionPerformed*      private void mahasiswaMenuItemActionPerformed(java.awt.event.ActionEvent *evt*) {*//GEN-FIRST:event\_mahasiswaMenuItemActionPerformed*  *// TODO add your handling code here:*          contentScrollPane.setViewportView(new EntryPanel());      }*//GEN-LAST:event\_mahasiswaMenuItemActionPerformed*  */\*\**  *\* @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(MainFrame.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);          } catch (InstantiationException *ex*) {              java.util.logging.Logger.getLogger(MainFrame.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);          } catch (IllegalAccessException *ex*) {              java.util.logging.Logger.getLogger(MainFrame.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);          } catch (javax.swing.UnsupportedLookAndFeelException *ex*) {              java.util.logging.Logger.getLogger(MainFrame.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 MainFrame().setVisible(true);              }          });      }  *// Variables declaration - do not modify//GEN-BEGIN:variables*      private javax.swing.ButtonGroup buttonGroup1;      private javax.swing.JScrollPane contentScrollPane;      private javax.swing.JMenuItem homeMenuItem;      private javax.swing.JMenu jMenu1;      private javax.swing.JMenu jMenu2;      private javax.swing.JMenuBar jMenuBar1;      private javax.swing.JMenuItem mahasiswaMenuItem;  *// End of variables declaration//GEN-END:variables*  } |
| import java.util.ArrayList;  import javax.swing.JOptionPane;  import javax.swing.table.DefaultTableModel;  import latihan.gui2.Database;  import latihan.gui2.Mahasiswa;  */\**  *\* Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this license*  *\* Click nbfs://nbhost/SystemFileSystem/Templates/GUIForms/JPanel.java to edit this template*  *\*/*  */\*\**  *\**  *\* @author Tyo*  *\*/*  public class EntryPanel extends javax.swing.JPanel {  */\*\**  *\* Creates new form EntryPanel*  *\*/*      public EntryPanel() {          initComponents();          loadTableData();      }  */\*\**  *\* 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() {          buttonGroup1 = new javax.swing.ButtonGroup();          jPanel1 = new javax.swing.JPanel();          jLabel1 = new javax.swing.JLabel();          jScrollPane1 = new javax.swing.JScrollPane();          alamatTextArea = new javax.swing.JTextArea();          jLabel2 = new javax.swing.JLabel();          umurSpinner = new javax.swing.JSpinner();          jLabel3 = new javax.swing.JLabel();          simpanButton = new javax.swing.JButton();          jLabel4 = new javax.swing.JLabel();          jLabel5 = new javax.swing.JLabel();          provinsiComboBox = new javax.swing.JComboBox<>();          jLabel6 = new javax.swing.JLabel();          futsalCheckBox = new javax.swing.JCheckBox();          nimTextField = new javax.swing.JTextField();          basketCheckBox = new javax.swing.JCheckBox();          namaTextField = new javax.swing.JTextField();          tidurCheckBox = new javax.swing.JCheckBox();          lakiRadioButton = new javax.swing.JRadioButton();          jLabel7 = new javax.swing.JLabel();          perempuanRadioButton = new javax.swing.JRadioButton();          jLabel8 = new javax.swing.JLabel();          jPanel2 = new javax.swing.JPanel();          jScrollPane2 = new javax.swing.JScrollPane();          mahasiswaTable = new javax.swing.JTable();          setLayout(new java.awt.BorderLayout());          jLabel1.setText("NIM :");          alamatTextArea.setColumns(20);          alamatTextArea.setRows(5);          jScrollPane1.setViewportView(alamatTextArea);          jLabel2.setText("Nama :");          umurSpinner.setModel(new javax.swing.SpinnerNumberModel(15, 0, 60, 1));          jLabel3.setText("Jenis Kelamin :");          simpanButton.setText("simpan");          simpanButton.addActionListener(new java.awt.event.ActionListener() {              public void actionPerformed(java.awt.event.ActionEvent *evt*) {                  simpanButtonActionPerformed(*evt*);              }          });          jLabel4.setText("Umur :");          jLabel5.setText("Alamat :");          provinsiComboBox.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "KalSel", "KalBar", "KalTim", "KalTeng", "KalTara", " " }));          jLabel6.setText("Provinsi :");          futsalCheckBox.setText("Futsal");          basketCheckBox.setText("Basket");          tidurCheckBox.setText("Tidur");          buttonGroup1.add(lakiRadioButton);          lakiRadioButton.setText("Laki-Laki");          lakiRadioButton.addActionListener(new java.awt.event.ActionListener() {              public void actionPerformed(java.awt.event.ActionEvent *evt*) {                  lakiRadioButtonActionPerformed(*evt*);              }          });          jLabel7.setText("Hobi :");          buttonGroup1.add(perempuanRadioButton);          perempuanRadioButton.setText("Perempuan");          perempuanRadioButton.addActionListener(new java.awt.event.ActionListener() {              public void actionPerformed(java.awt.event.ActionEvent *evt*) {                  perempuanRadioButtonActionPerformed(*evt*);              }          });          jLabel8.setText("Tahun");          javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);          jPanel1.setLayout(jPanel1Layout);          jPanel1Layout.setHorizontalGroup(              jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)              .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel1Layout.createSequentialGroup()                  .addContainerGap(312, Short.MAX\_VALUE)                  .addComponent(simpanButton)                  .addContainerGap())              .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)                  .addGroup(jPanel1Layout.createSequentialGroup()                      .addContainerGap()                      .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)                          .addComponent(jLabel1)                          .addComponent(jLabel2)                          .addComponent(jLabel3)                          .addComponent(jLabel4)                          .addComponent(jLabel6)                          .addComponent(jLabel5)                          .addComponent(jLabel7))                      .addGap(46, 46, 46)                      .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)                          .addComponent(nimTextField)                          .addComponent(namaTextField)                          .addComponent(jScrollPane1, javax.swing.GroupLayout.DEFAULT\_SIZE, 248, Short.MAX\_VALUE)                          .addGroup(jPanel1Layout.createSequentialGroup()                              .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)                                  .addComponent(basketCheckBox)                                  .addComponent(futsalCheckBox)                                  .addComponent(provinsiComboBox, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)                                  .addComponent(perempuanRadioButton)                                  .addGroup(jPanel1Layout.createSequentialGroup()                                      .addComponent(umurSpinner, javax.swing.GroupLayout.PREFERRED\_SIZE, 54, javax.swing.GroupLayout.PREFERRED\_SIZE)                                      .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)                                      .addComponent(jLabel8))                                  .addComponent(lakiRadioButton)                                  .addComponent(tidurCheckBox))                              .addGap(0, 0, Short.MAX\_VALUE)))                      .addContainerGap()))          );          jPanel1Layout.setVerticalGroup(              jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)              .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel1Layout.createSequentialGroup()                  .addContainerGap(351, Short.MAX\_VALUE)                  .addComponent(simpanButton)                  .addContainerGap())              .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)                  .addGroup(jPanel1Layout.createSequentialGroup()                      .addContainerGap()                      .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)                          .addGroup(jPanel1Layout.createSequentialGroup()                              .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)                                  .addComponent(jLabel1)                                  .addComponent(nimTextField, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))                              .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)                              .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)                                  .addComponent(jLabel2)                                  .addComponent(namaTextField, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))                              .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)                              .addComponent(jLabel3)                              .addGap(5, 5, 5))                          .addComponent(lakiRadioButton))                      .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)                      .addComponent(perempuanRadioButton)                      .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)                      .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)                          .addComponent(umurSpinner, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)                          .addComponent(jLabel4)                          .addComponent(jLabel8))                      .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)                      .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)                          .addComponent(jLabel5)                          .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))                      .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)                      .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)                          .addComponent(provinsiComboBox, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)                          .addComponent(jLabel6))                      .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)                      .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)                          .addComponent(futsalCheckBox)                          .addComponent(jLabel7))                      .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)                      .addComponent(basketCheckBox)                      .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)                      .addComponent(tidurCheckBox)                      .addContainerGap(20, Short.MAX\_VALUE)))          );          add(jPanel1, java.awt.BorderLayout.LINE\_START);          mahasiswaTable.setModel(new javax.swing.table.DefaultTableModel(              new Object [][] {              },              new String [] {                  "NIM", "Nama", "Jenis Kelamin", "Umur"              }          ) {              Class[] types = new Class [] {                  java.lang.String.class, java.lang.String.class, java.lang.String.class, java.lang.Integer.class              };              boolean[] canEdit = new boolean [] {                  false, false, false, false              };              public Class getColumnClass(int *columnIndex*) {                  return types [*columnIndex*];              }              public boolean isCellEditable(int *rowIndex*, int *columnIndex*) {                  return canEdit [*columnIndex*];              }          });          jScrollPane2.setViewportView(mahasiswaTable);          javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);          jPanel2.setLayout(jPanel2Layout);          jPanel2Layout.setHorizontalGroup(              jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)              .addGap(0, 484, Short.MAX\_VALUE)              .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)                  .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel2Layout.createSequentialGroup()                      .addComponent(jScrollPane2, javax.swing.GroupLayout.DEFAULT\_SIZE, 478, Short.MAX\_VALUE)                      .addContainerGap()))          );          jPanel2Layout.setVerticalGroup(              jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)              .addGap(0, 379, Short.MAX\_VALUE)              .addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)                  .addGroup(jPanel2Layout.createSequentialGroup()                      .addContainerGap()                      .addComponent(jScrollPane2, javax.swing.GroupLayout.DEFAULT\_SIZE, 367, Short.MAX\_VALUE)                      .addContainerGap()))          );          add(jPanel2, java.awt.BorderLayout.CENTER);      }*// </editor-fold>//GEN-END:initComponents*      private void simpanButtonActionPerformed(java.awt.event.ActionEvent *evt*) {*//GEN-FIRST:event\_simpanButtonActionPerformed*  *// TODO add your handling code here:*  *//        System.out.println(nimTextField.getText());*  *//        System.out.println(namaTextField.getText());*  *//        if(lakiRadioButton.isSelected()){*  *//            System.out.println("Laki-laki");*  *//        }*  *//        if(perempuanRadioButton.isSelected()){*  *//            System.out.println("Perempuan");*  *//        }*  *//        int umur = (Integer) umurSpinner.getValue();*  *//        System.out.println(umur);*  *//        System.out.println(alamatTextArea.getText());*  *//        System.out.println(provinsiComboBox.getSelectedItem());*  *//        if(futsalCheckBox.isSelected()){*  *//            System.out.println("membaca");*  *//        }*  *//        if(basketCheckBox.isSelected()){*  *//            System.out.println("menyanyi");*  *//        }*  *//        if(tidurCheckBox.isSelected()){*  *//            System.out.println("berenang");*  *//        }*          Mahasiswa mhs = new Mahasiswa();          mhs.setNim(nimTextField.getText());          mhs.setNama(namaTextField.getText());          if(lakiRadioButton.isSelected()){              mhs.setJenisKelamin("Laki-laki");          }          if(perempuanRadioButton.isSelected()){              mhs.setJenisKelamin("Perempuan");          }          int umur = (Integer) umurSpinner.getValue();          mhs.setUmur(umur);          mhs.setAlamat(alamatTextArea.getText());          mhs.setProvinsi(provinsiComboBox.getSelectedItem().toString());          ArrayList<String> hobiList = new ArrayList<>();          if(futsalCheckBox.isSelected()){              hobiList.add("Futsal");          }          if(basketCheckBox.isSelected()){              hobiList.add("Basket");          }          if(tidurCheckBox.isSelected()){              hobiList.add("Tidur");          }          mhs.setHobi(hobiList);          Database.getInstance().insertMahasiswa(mhs);          clearForm();          JOptionPane.showMessageDialog(this, "Sukses Tersimpan");          loadTableData();      }*//GEN-LAST:event\_simpanButtonActionPerformed*      private void loadTableData(){          DefaultTableModel dtm = (DefaultTableModel) mahasiswaTable.getModel();  *//refresh tabel*          while(dtm.getRowCount()>0){              dtm.removeRow(0);          }  *//isi tabel*          for(Mahasiswa mhs : Database.getInstance().getListMahasiswa()){              dtm.addRow(new Object[]{mhs.getNim(),mhs.getNama(),mhs.getJenisKelamin(),mhs.getUmur()});          }      }        private void clearForm(){          nimTextField.setText("");          namaTextField.setText("");          buttonGroup1.clearSelection();          umurSpinner.setValue(15);          alamatTextArea.setText("");          provinsiComboBox.setSelectedIndex(-1);          futsalCheckBox.setSelected(false);          basketCheckBox.setSelected(false);          tidurCheckBox.setSelected(false);      }        private void lakiRadioButtonActionPerformed(java.awt.event.ActionEvent *evt*) {*//GEN-FIRST:event\_lakiRadioButtonActionPerformed*  *// TODO add your handling code here:*      }*//GEN-LAST:event\_lakiRadioButtonActionPerformed*      private void perempuanRadioButtonActionPerformed(java.awt.event.ActionEvent *evt*) {*//GEN-FIRST:event\_perempuanRadioButtonActionPerformed*  *// TODO add your handling code here:*      }*//GEN-LAST:event\_perempuanRadioButtonActionPerformed*      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(MainFrame.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);          } catch (InstantiationException *ex*) {              java.util.logging.Logger.getLogger(MainFrame.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);          } catch (IllegalAccessException *ex*) {              java.util.logging.Logger.getLogger(MainFrame.class.getName()).log(java.util.logging.Level.SEVERE, null, ex);          } catch (javax.swing.UnsupportedLookAndFeelException *ex*) {              java.util.logging.Logger.getLogger(MainFrame.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 MainFrame().setVisible(true);              }          });      }    *// Variables declaration - do not modify//GEN-BEGIN:variables*      private javax.swing.JTextArea alamatTextArea;      private javax.swing.JCheckBox basketCheckBox;      private javax.swing.ButtonGroup buttonGroup1;      private javax.swing.JCheckBox futsalCheckBox;      private javax.swing.JLabel jLabel1;      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.JPanel jPanel1;      private javax.swing.JPanel jPanel2;      private javax.swing.JScrollPane jScrollPane1;      private javax.swing.JScrollPane jScrollPane2;      private javax.swing.JRadioButton lakiRadioButton;      private javax.swing.JTable mahasiswaTable;      private javax.swing.JTextField namaTextField;      private javax.swing.JTextField nimTextField;      private javax.swing.JRadioButton perempuanRadioButton;      private javax.swing.JComboBox<String> provinsiComboBox;      private javax.swing.JButton simpanButton;      private javax.swing.JCheckBox tidurCheckBox;      private javax.swing.JSpinner umurSpinner;  *// End of variables declaration//GEN-END:variables*  } |
| */\**  *\* Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this license*  *\* Click nbfs://nbhost/SystemFileSystem/Templates/Classes/Class.java to edit this template*  *\*/*  package latihan.gui2;  import java.io.Serializable;  import java.util.ArrayList;  */\*\**  *\**  *\* @author Tyo*  *\*/*  public class Mahasiswa implements Serializable{      private String nim,nama,jenisKelamin;      private int umur;      private String alamat, provinsi;      private ArrayList<String> hobi;      public String getNim() {          return nim;      }      public void setNim(String *nim*) {          this.nim = *nim*;      }      public String getNama() {          return nama;      }      public void setNama(String *nama*) {          this.nama = *nama*;      }      public String getJenisKelamin() {          return jenisKelamin;      }      public void setJenisKelamin(String *jenisKelamin*) {          this.jenisKelamin = *jenisKelamin*;      }      public int getUmur() {          return umur;      }      public void setUmur(int *umur*) {          this.umur = *umur*;      }      public String getAlamat() {          return alamat;      }      public void setAlamat(String *alamat*) {          this.alamat = *alamat*;      }      public String getProvinsi() {          return provinsi;      }      public void setProvinsi(String *provinsi*) {          this.provinsi = *provinsi*;      }      public ArrayList<String> getHobi() {          return hobi;      }      public void setHobi(ArrayList<String> *hobi*) {          this.hobi = *hobi*;      }  } |
| */\**  *\* Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change this license*  *\* Click nbfs://nbhost/SystemFileSystem/Templates/Classes/Class.java to edit this template*  *\*/*  package latihan.gui2;  import java.io.File;  import java.io.FileInputStream;  import java.io.FileNotFoundException;  import java.io.FileOutputStream;  import java.io.IOException;  import java.io.ObjectInputStream;  import java.io.ObjectOutputStream;  import java.io.Serializable;  import java.util.ArrayList;  import java.util.List;  */\*\**  *\**  *\* @author Tyo*  *\*/*  public class Database implements Serializable{      public static Database instance;      private ArrayList<Mahasiswa> data = new ArrayList<>();      private Database(){      }      public static synchronized Database getInstance() {          loadFile();          if(instance == null){              instance = new Database();          }          return instance;      }      public void insertMahasiswa(Mahasiswa *mahasiswa*){          data.add(*mahasiswa*);          updateFile();      }      public List<Mahasiswa> getListMahasiswa() {          return data;      }        private static void loadFile() {  *//load file*          try {              File f = new File("D:\\Kuliah\\STIS\\Semester 4\\PBO\\Praktikum\\modul8\\Latihan GUI2\\database.dat");              FileInputStream fis = new FileInputStream(f);              ObjectInputStream ois = new ObjectInputStream(fis);              instance = (Database) ois.readObject();              ois.close();              fis.close();          } catch (FileNotFoundException *ex*) {              System.err.println("File tidak ditemukan");          } catch (ClassNotFoundException *ex*) {              System.err.println("Format File salah");          } catch (IOException *e*) {  *// TODO Auto-generated catch block*              e.printStackTrace();              System.err.println("Gagal membaca file");          }      }        private void updateFile() {          try {              FileOutputStream fos = new FileOutputStream("D:\\Kuliah\\STIS\\Semester 4\\PBO\\Praktikum\\modul8\\Latihan GUI2\\database.dat");              ObjectOutputStream oos = new ObjectOutputStream(fos);              oos.writeObject(instance);              oos.close();              fos.close();          } catch (FileNotFoundException *ex*) {              System.err.println("File tidak ditemukan");          } catch (IOException *ex*) {              System.err.println("Gagal menulis file");          }      }  } |