

School of Information Technology and Engineering

### A project report on

# CRIMINAL FACE IDENTIFICATION

Submitted towards jth component of the course

# **PROGRAMMING IN JAVA**

by

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#### **ABSTRACT**

Criminal record generally contains personal informzation about particular person along with photograph. To identify any Criminal we need some identification regarding person, which are given by eyewitness. In most cases the quality and resolution of the recorded image segments is poor and hard to identify a face. To overcome this sort of problem we are developing software. Identification can be done in many ways like finger print, eyes, DNA etc. One of the applications is face identification. The face is our primary focus of attention in social inters course playing a major role in conveying identify and emotion. Although the ability to infer intelligence or character from facial appearance is suspect, the human ability to recognize face is remarkable.

#### INTRODUCTION

This project is aimed to identify the criminals in any investigation department. Here the technique is we already store some images of the criminals in our database along with his details and that images are segmented into many slices say eyes, hairs, lips, nose, etc. These images are again stored in another database record so to identify any criminals; eyewitnesses will see the images or slices that appear on the screen by using it we develop the face, which may or may not be matched with our images. If any image is matched up to 99% then we predict that he is only the criminal. Thus using this project it provides a very friendly environment for both operator and eyewitness to easily design any face can identify criminals very easy.

# **HARDWARE REQUIREMENTS:**

• System configuration

Processor: Pentium III-900 MHZ

Hard disk: 20GB

RAM: 128 MB

## **SOFTWARE REQUIREMENTS:**

Operating system: Windows

Graphical user interface: Java swing -AWT.

Application logic: Java 7

Database: Oracle 10g

IDE/Workbench: My Eclipse 6.0

## **Code:**

```
package criminal.project;
import criminal.project.IN;
import criminal.project.ABT;
/*
* To change this license header, choose License Headers in Project Properties.
* To change this template file, choose Tools | Templates
* and open the template in the editor.
*/
/**
* @author balajee
*/
public class LOGIN extends javax.swing.JFrame {
  /**
   * Creates new form LOGIN
   */
  public LOGIN() {
    initComponents();
    this.setLocationRelativeTo(null);\\
  }
```

```
/**
* 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() {
  jPanel2 = new javax.swing.JPanel();
  jLabel2 = new javax.swing.JLabel();
  signin = new javax.swing.JButton();
  signup = new javax.swing.JButton();
  aboutus = new javax.swing.JButton();
  ¡Button4 = new javax.swing.JButton();
  ¡Label1 = new javax.swing.JLabel();
  setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
  setUndecorated(true);
  jPanel2.setLayout(null);
  jLabel2.setFont(new java.awt.Font("Times New Roman", 3, 24)); // NOI18N
  jLabel2.setForeground(new java.awt.Color(255, 255, 255));
  jLabel2.setText("CRIMINAL FACE IDENTIFICATION");
```

```
¡Panel2.add(jLabel2);
jLabel2.setBounds(140, 20, 410, 30);
signin.setBackground(new java.awt.Color(204, 204, 204));
signin.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
signin.setForeground(new java.awt.Color(204, 204, 0));
signin.setText("Sign in");
signin.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
     signinActionPerformed(evt);
  }
});
jPanel2.add(signin);
signin.setBounds(30, 160, 110, 30);
signup.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
signup.setForeground(new java.awt.Color(204, 204, 0));
signup.setText("Sign up");
signup.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
     signupActionPerformed(evt);
  }
});
jPanel2.add(signup);
signup.setBounds(200, 160, 120, 30);
```

```
aboutus.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
    aboutus.setForeground(new java.awt.Color(204, 204, 0));
    aboutus.setText("About us");
    aboutus.addActionListener(new java.awt.event.ActionListener() {
       public void actionPerformed(java.awt.event.ActionEvent evt) {
         aboutusActionPerformed(evt);
       }
    });
    jPanel2.add(aboutus);
    aboutus.setBounds(380, 160, 110, 30);
    jButton4.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
    jButton4.setForeground(new java.awt.Color(204, 204, 0));
    ¡Button4.setText("Exit");
    jButton4.addActionListener(new java.awt.event.ActionListener() {
       public void actionPerformed(java.awt.event.ActionEvent evt) {
         ¡Button4ActionPerformed(evt);
       }
    });
    ¡Panel2.add(¡Button4);
    ¡Button4.setBounds(543, 160, 100, 30);
    jLabel1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/PIC (2).jpeg"))); //
NOI18N
```

```
¡Panel2.add(jLabel1);
    jLabel1.setBounds(0, 0, 690, 360);
    javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
    getContentPane().setLayout(layout);
    layout.setHorizontalGroup(
      layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
       .addComponent(jPanel2, javax.swing.GroupLayout.DEFAULT_SIZE, 684,
Short.MAX_VALUE)
    );
    layout.setVerticalGroup(
      layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
       .addComponent(jPanel2, javax.swing.GroupLayout.DEFAULT_SIZE, 367,
Short.MAX_VALUE)
    );
    pack();
  }// </editor-fold>
  private void signupActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
     this.setVisible(false);
    new IN().setVisible(true);
  }
  private void signinActionPerformed(java.awt.event.ActionEvent evt) {
```

```
// TODO add your handling code here:
  this.setVisible(false);
  new UP().setVisible(true);
}
private void aboutusActionPerformed(java.awt.event.ActionEvent evt) {
  // TODO add your handling code here:
  this.setVisible(false);
  new ABT().setVisible(true);
}
private void jButton4ActionPerformed(java.awt.event.ActionEvent evt) {
 System.exit(0);
}
/**
* @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(LOGIN.class.getName()).log(java.util.logging.Level.SEVER
E, null, ex);
     } catch (InstantiationException ex) {
java.util.logging.Logger.getLogger(LOGIN.class.getName()).log(java.util.logging.Level.SEVER
E, null, ex);
     } catch (IllegalAccessException ex) {
java.util.logging.Logger.getLogger(LOGIN.class.getName()).log(java.util.logging.Level.SEVER
E, null, ex);
     } catch (javax.swing.UnsupportedLookAndFeelException ex) {
java.util.logging.Logger.getLogger(LOGIN.class.getName()).log(java.util.logging.Level.SEVER
E, null, ex);
     }
    //</editor-fold>
```

```
/* Create and display the form */
    java.awt.EventQueue.invokeLater(new Runnable() {
       public void run() {
         new LOGIN().setVisible(true);
       }
    });
  }
  // Variables declaration - do not modify
  private javax.swing.JButton aboutus;
  private javax.swing.JButton jButton4;
  private javax.swing.JLabel jLabel1;
  private javax.swing.JLabel jLabel2;
  private javax.swing.JPanel jPanel2;
  private javax.swing.JButton signin;
  private javax.swing.JButton signup;
  // End of variables declaration
Code:
```

}

package criminal.project;

```
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.PreparedStatement;
import java.sql.SQLException;
import java.util.logging.Level;
import java.util.logging.Logger;
import java.sql.ResultSet;
import javax.swing.JOptionPane;
/**
* @author sandya
*/
public class UP extends javax.swing.JFrame {
  /**
   * Creates new form UP
   */
  public UP() {
    initComponents();
    this.setLocationRelativeTo(null);\\
  }
  /**
   * 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() {
  ¡Panel1 = new javax.swing.JPanel();
  jLabel2 = new javax.swing.JLabel();
  jLabel3 = new javax.swing.JLabel();
  username = new javax.swing.JTextField();
  jLabel4 = new javax.swing.JLabel();
  signin = new javax.swing.JButton();
  password = new javax.swing.JPasswordField();
  ¡Button2 = new javax.swing.JButton();
  ¡Label1 = new javax.swing.JLabel();
  setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
  setUndecorated(true);
  jPanel1.setLayout(null);
  jLabel2.setBackground(new java.awt.Color(255, 255, 255));
  jLabel2.setFont(new java.awt.Font("Times New Roman", 3, 18)); // NOI18N
  jLabel2.setForeground(new java.awt.Color(255, 255, 255));
```

```
¡Label2.setText("USERNAME");
¡Panel1.add(¡Label2);
jLabel2.setBounds(40, 130, 120, 30);
jLabel3.setFont(new java.awt.Font("Times New Roman", 3, 24)); // NOI18N
jLabel3.setForeground(new java.awt.Color(255, 255, 255));
¡Label3.setText("LOGIN PAGE");
¡Panel1.add(¡Label3);
jLabel3.setBounds(250, 40, 190, 28);
username.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
     usernameActionPerformed(evt);
});
¡Panel1.add(username);
username.setBounds(200, 130, 200, 30);
jLabel4.setFont(new java.awt.Font("Times New Roman", 3, 18)); // NOI18N
jLabel4.setForeground(new java.awt.Color(255, 255, 255));
¡Label4.setText("PASSWORD");
¡Panel1.add(¡Label4);
jLabel4.setBounds(40, 190, 130, 22);
signin.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
```

```
signin.setText("Sign in");
    signin.addActionListener(new java.awt.event.ActionListener() {
       public void actionPerformed(java.awt.event.ActionEvent evt) {
         signinActionPerformed(evt);
       }
    });
    jPanel1.add(signin);
    signin.setBounds(70, 270, 100, 30);
    ¡Panel1.add(password);
    password.setBounds(200, 190, 200, 30);
    jButton2.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
    ¡Button2.setText("Back");
    jButton2.addActionListener(new java.awt.event.ActionListener() {
       public void actionPerformed(java.awt.event.ActionEvent evt) {
         ¡Button2ActionPerformed(evt);
       }
    });
    ¡Panel1.add(¡Button2);
    jButton2.setBounds(240, 270, 110, 30);
    jLabel1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pic3.jpeg"))); //
NOI18N
    jPanel1.add(jLabel1);
    jLabel1.setBounds(0, 0, 680, 350);
```

```
javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
    getContentPane().setLayout(layout);
    layout.setHorizontalGroup(
      layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE, 679,
Short.MAX_VALUE)
    );
    layout.setVerticalGroup(
      layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE, 348,
Short.MAX_VALUE)
    );
    pack();
  }// </editor-fold>
  private void signinActionPerformed(java.awt.event.ActionEvent evt) {
    Connection con;
    PreparedStatement ps;
    try {
        con = DriverManager.getConnection("jdbc:mysql://localhost/login", "root", "");
         ps = con.prepareStatement("SELECT * FROM logintable WHERE username = ? AND
password = ?");
```

```
ps.setString(1, username.getText());
       ps.setString(2, String.valueOf(password.getPassword()));
       ResultSet rs = ps.executeQuery();
       if(rs.next())
         setVisible(false);
         SIN sin = new SIN();
         sin.setVisible(true);
       else
        JOptionPane.showMessageDialog(this, "Username or Password are Invalid");
       }
     } catch (SQLException ex) {
       Logger.getLogger(UP.class.getName()).log(Level.SEVERE, null, ex);
  }
}
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
  // TODO add your handling code here:
  this.setVisible(false);
```

```
new LOGIN().setVisible(true);
  private void usernameActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
  }
  /**
   * @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(UP.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
     } catch (InstantiationException ex) {
java.util.logging.Logger.getLogger(UP.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
     } catch (IllegalAccessException ex) {
java.util.logging.Logger.getLogger(UP.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
     } catch (javax.swing.UnsupportedLookAndFeelException ex) {
java.util.logging.Logger.getLogger(UP.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 UP().setVisible(true);
       }
     });
  }
  // Variables declaration - do not modify
```

```
private javax.swing.JButton jButton2;
  private javax.swing.JLabel jLabel1;
  private javax.swing.JLabel jLabel2;
  private javax.swing.JLabel jLabel3;
  private javax.swing.JLabel jLabel4;
  private javax.swing.JPanel jPanel1;
  private javax.swing.JPasswordField password;
  private javax.swing.JButton signin;
  private javax.swing.JTextField username;
  // End of variables declaration
}
Code:
package criminal.project;
import javax.swing.JOptionPane;
/**
* @author sandya
*/
public class IN extends javax.swing.JFrame {
  /**
```

```
* Creates new form IN
*/
public IN() {
  initComponents();
  this.setLocationRelativeTo(null);
}
/**
* 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() {
  ¡Panel1 = new javax.swing.JPanel();
  jLabel2 = new javax.swing.JLabel();
  ¡Label3 = new javax.swing.JLabel();
  jLabel4 = new javax.swing.JLabel();
  jLabel5 = new javax.swing.JLabel();
  jLabel6 = new javax.swing.JLabel();
  jLabel7 = new javax.swing.JLabel();
  jLabel8 = new javax.swing.JLabel();
  submit = new javax.swing.JButton();
```

```
name = new javax.swing.JTextField();
username = new javax.swing.JTextField();
mobile = new javax.swing.JTextField();
email = new javax.swing.JTextField();
psw = new javax.swing.JPasswordField();
rpsw = new javax.swing.JPasswordField();
reset = new javax.swing.JButton();
jButton3 = new javax.swing.JButton();
jLabel1 = new javax.swing.JLabel();
setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
setUndecorated(true);
jPanel1.setForeground(new java.awt.Color(193, 231, 106));
¡Panel1.setLayout(null);
jLabel2.setFont(new java.awt.Font("Times New Roman", 3, 24)); // NOI18N
jLabel2.setForeground(new java.awt.Color(255, 255, 255));
¡Label2.setText("REGISTRATION");
jPanel1.add(jLabel2);
jLabel2.setBounds(110, 20, 210, 30);
jLabel3.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
jLabel3.setForeground(new java.awt.Color(255, 255, 255));
¡Label3.setText("NAME");
```

```
jPanel1.add(jLabel3);
¡Label3.setBounds(60, 70, 70, 20);
jLabel4.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
jLabel4.setForeground(new java.awt.Color(255, 255, 255));
¡Label4.setText("USERNAME");
jPanel1.add(jLabel4);
jLabel4.setBounds(60, 110, 90, 17);
jLabel5.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
jLabel5.setForeground(new java.awt.Color(255, 255, 255));
jLabel5.setText("PASSWORD");
jPanel1.add(jLabel5);
jLabel5.setBounds(60, 150, 90, 17);
jLabel6.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
jLabel6.setForeground(new java.awt.Color(255, 255, 255));
jLabel6.setText("RE-PASSWORD");
¡Panel1.add(jLabel6);
jLabel6.setBounds(60, 190, 110, 17);
jLabel7.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
jLabel7.setForeground(new java.awt.Color(255, 255, 255));
jLabel7.setText("MOBILE NO");
¡Panel1.add(¡Label7);
```

```
jLabel7.setBounds(60, 240, 100, 17);
jLabel8.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
jLabel8.setForeground(new java.awt.Color(255, 255, 255));
¡Label8.setText("E-MAIL");
jPanel1.add(jLabel8);
¡Label8.setBounds(60, 280, 90, 17);
submit.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
submit.setText("Submit");
submit.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
     submitActionPerformed(evt);
});
¡Panel1.add(submit);
submit.setBounds(540, 150, 90, 25);
name.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    nameActionPerformed(evt);
  }
});
jPanel1.add(name);
name.setBounds(200, 70, 200, 30);
```

```
username.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    usernameActionPerformed(evt);
  }
});
jPanel1.add(username);
username.setBounds(200, 110, 200, 30);
mobile.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    mobileActionPerformed(evt);
  }
});
¡Panel1.add(mobile);
mobile.setBounds(200, 230, 200, 30);
¡Panel1.add(email);
email.setBounds(200, 270, 200, 30);
¡Panel1.add(psw);
psw.setBounds(200, 150, 200, 30);
jPanel1.add(rpsw);
rpsw.setBounds(200, 190, 200, 30);
reset.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
reset.setText("Reset");
```

```
reset.addActionListener(new java.awt.event.ActionListener() {
       public void actionPerformed(java.awt.event.ActionEvent evt) {
         resetActionPerformed(evt);
       }
    });
    jPanel1.add(reset);
    reset.setBounds(540, 210, 90, 25);
    jButton3.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
    jButton3.setText("Back");
    jButton3.addActionListener(new java.awt.event.ActionListener() {
       public void actionPerformed(java.awt.event.ActionEvent evt) {
         jButton3ActionPerformed(evt);
    });
    ¡Panel1.add(¡Button3);
    jButton3.setBounds(540, 90, 90, 30);
    jLabel1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pic3.jpeg"))); //
NOI18N
    jPanel1.add(jLabel1);
    jLabel1.setBounds(0, 0, 710, 330);
    javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
    getContentPane().setLayout(layout);
```

```
layout.setHorizontalGroup(
      layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
       .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE, 712,
Short.MAX_VALUE)
    );
    layout.setVerticalGroup(
      layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
       .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE, 330,
Short.MAX_VALUE)
    );
    pack();
  }// </editor-fold>
  private void usernameActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
  }
  private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    this.setVisible(false);
    new LOGIN().setVisible(true);
  }
  private void nameActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
```

```
}
private void submitActionPerformed(java.awt.event.ActionEvent evt) {
JOptionPane.showMessageDialog(null, "Successfully Submitted");
}
private void resetActionPerformed(java.awt.event.ActionEvent evt) {
 this.setVisible(false);
  new IN().setVisible(true);
}
private void mobileActionPerformed(java.awt.event.ActionEvent evt) {
  //if(!Character.isDigit(evt.ge()))
}
* @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(IN.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
     } catch (InstantiationException ex) {
java.util.logging.Logger.getLogger(IN.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
     } catch (IllegalAccessException ex) {
java.util.logging.Logger.getLogger(IN.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
     } catch (javax.swing.UnsupportedLookAndFeelException ex) {
```

```
java.util.logging.Logger.getLogger(IN.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 IN().setVisible(true);
       }
     });
  }
  // Variables declaration - do not modify
  private javax.swing.JTextField email;
  private javax.swing.JButton jButton3;
  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.JTextField mobile;
  private javax.swing.JTextField name;
  private javax.swing.JPasswordField psw;
  private javax.swing.JButton reset;
  private javax.swing.JPasswordField rpsw;
  private javax.swing.JButton submit;
  private javax.swing.JTextField username;
  // End of variables declaration
}
Code:
package criminal.project;
/**
* @author sandya
*/
public class ABT extends javax.swing.JFrame {
  /**
   * Creates new form ABT
   */
  public ABT() {
    initComponents();
```

```
this.setLocationRelativeTo(null);
/**
* 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() {
  ¡Panel2 = new javax.swing.JPanel();
  jLabel1 = new javax.swing.JLabel();
  ¡Label4 = new javax.swing.JLabel();
  ¡Label3 = new javax.swing.JLabel();
  jLabel5 = new javax.swing.JLabel();
  jLabel6 = new javax.swing.JLabel();
  ¡Label7 = new javax.swing.JLabel();
  jLabel8 = new javax.swing.JLabel();
  ¡Button1 = new javax.swing.JButton();
  jLabel2 = new javax.swing.JLabel();
  setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
  setUndecorated(true);
```

```
jPanel2.setLayout(null);
jLabel1.setFont(new java.awt.Font("Times New Roman", 3, 24)); // NOI18N
jLabel1.setForeground(new java.awt.Color(255, 255, 255));
jLabel1.setText("ABOUT US...!!!");
jPanel2.add(jLabel1);
jLabel1.setBounds(360, 30, 180, 30);
jLabel4.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
jLabel4.setForeground(new java.awt.Color(255, 255, 255));
jLabel4.setText("Criminal record geenerally contains personal information");
jPanel2.add(jLabel4);
jLabel4.setBounds(260, 80, 360, 30);
jLabel3.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
jLabel3.setForeground(new java.awt.Color(255, 255, 255));
jLabel3.setText("about particular person along with photograph to identify");
¡Panel2.add(jLabel3);
jLabel3.setBounds(270, 100, 350, 30);
jLabel5.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
jLabel5.setForeground(new java.awt.Color(255, 255, 255));
jLabel5.setText("any criminal, we need some identification regarding person");
¡Panel2.add(¡Label5);
```

```
jLabel5.setBounds(270, 130, 360, 17);
jLabel6.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
jLabel6.setForeground(new java.awt.Color(255, 255, 255));
jLabel6.setText("which are given by high witness. This phase is our primary");
¡Panel2.add(¡Label6);
jLabel6.setBounds(280, 150, 350, 17);
jLabel7.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
jLabel7.setForeground(new java.awt.Color(255, 255, 255));
jLabel7.setText("focus of attentention in social inters-course playing a major");
¡Panel2.add(¡Label7);
jLabel7.setBounds(280, 170, 350, 17);
jLabel8.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
jLabel8.setForeground(new java.awt.Color(255, 255, 255));
jLabel8.setText("role in conveying identify and emotion.");
jPanel2.add(jLabel8);
jLabel8.setBounds(290, 190, 280, 17);
jButton1.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
¡Button1.setText("Back");
jButton1.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    ¡Button1ActionPerformed(evt);
```

```
}
    });
    jPanel2.add(jButton1);
    jButton1.setBounds(530, 280, 100, 23);
    jLabel2.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pic5.jpeg"))); //
NOI18N
    ¡Panel2.add(jLabel2);
    ¡Label2.setBounds(0, 0, 639, 350);
    javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
    getContentPane().setLayout(layout);
    layout.setHorizontalGroup(
      layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addComponent(jPanel2, javax.swing.GroupLayout.DEFAULT_SIZE, 639,
Short.MAX_VALUE)
    );
    layout.setVerticalGroup(
      layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
       .addComponent(jPanel2, javax.swing.GroupLayout.DEFAULT SIZE, 349,
Short.MAX VALUE)
    );
    pack();
  }// </editor-fold>
```

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
    this.setVisible(false);
    new LOGIN().setVisible(true);
  }
  /**
   * @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(ABT.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
     } catch (InstantiationException ex) {
java.util.logging.Logger.getLogger(ABT.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
     } catch (IllegalAccessException ex) {
java.util.logging.Logger.getLogger(ABT.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
     } catch (javax.swing.UnsupportedLookAndFeelException ex) {
java.util.logging.Logger.getLogger(ABT.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 ABT().setVisible(true);
       }
     });
  }
  // Variables declaration - do not modify
  private javax.swing.JButton jButton1;
```

```
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 jPanel2;
  // End of variables declaration
}
Code:
package criminal.project;
import javax.swing.JOptionPane;
* @author sandya
*/
public class SIN extends javax.swing.JFrame {
   * Creates new form SIN
```

```
*/
public SIN() {
  initComponents();
  this.setLocationRelativeTo(null);
}
/**
* 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() {
  ¡Panel1 = new javax.swing.JPanel();
  jLabel2 = new javax.swing.JLabel();
  jLabel3 = new javax.swing.JLabel();
  ¡Label4 = new javax.swing.JLabel();
  cname = new javax.swing.JTextField();
  cage = new javax.swing.JTextField();
  jLabel5 = new javax.swing.JLabel();
  csearch = new javax.swing.JButton();
  back = new javax.swing.JButton();
  newcriminal = new javax.swing.JButton();
```

```
jLabel1 = new javax.swing.JLabel();
setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
setUndecorated(true);
jPanel1.setLayout(null);
jLabel2.setFont(new java.awt.Font("Times New Roman", 3, 24)); // NOI18N
jLabel2.setForeground(new java.awt.Color(255, 255, 255));
jLabel2.setText("CRIMINAL RECORD SEARCH");
jPanel1.add(jLabel2);
jLabel2.setBounds(20, 60, 340, 28);
jLabel3.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
jLabel3.setForeground(new java.awt.Color(255, 255, 255));
jLabel3.setText("NAME :");
jPanel1.add(jLabel3);
jLabel3.setBounds(40, 160, 50, 17);
jLabel4.setText("jLabel4");
jPanel1.add(jLabel4);
jLabel4.setBounds(90, 230, 34, 14);
¡Panel1.add(cname);
cname.setBounds(130, 150, 170, 30);
```

```
cage.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
     cageActionPerformed(evt);
  }
});
jPanel1.add(cage);
cage.setBounds(126, 220, 180, 30);
jLabel5.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
jLabel5.setForeground(new java.awt.Color(255, 255, 255));
¡Label5.setText("AGE :");
¡Panel1.add(¡Label5);
jLabel5.setBounds(40, 230, 50, 17);
csearch.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
csearch.setText("SEARCH");
csearch.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    csearchActionPerformed(evt);
  }
});
¡Panel1.add(csearch);
csearch.setBounds(40, 295, 90, 30);
back.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
```

```
back.setText("BACK");
    back.addActionListener(new java.awt.event.ActionListener() {
       public void actionPerformed(java.awt.event.ActionEvent evt) {
         backActionPerformed(evt);
       }
    });
    jPanel1.add(back);
    back.setBounds(180, 290, 110, 30);
    newcriminal.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
    newcriminal.setText("NEW");
    newcriminal.addActionListener(new java.awt.event.ActionListener() {
       public void actionPerformed(java.awt.event.ActionEvent evt) {
         newcriminalActionPerformed(evt);
       }
    });
    ¡Panel1.add(newcriminal);
    newcriminal.setBounds(340, 290, 100, 30);
    jLabel1.setIcon(new javax.swing.ImageIcon(getClass().getResource("/pic4.jpeg"))); //
NOI18N
    ¡Panel1.add(jLabel1);
    ¡Label1.setBounds(0, 0, 710, 410);
    javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
```

```
getContentPane().setLayout(layout);
    layout.setHorizontalGroup(
      layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE, 709,
Short.MAX_VALUE)
    );
    layout.setVerticalGroup(
      layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE, 409,
Short.MAX VALUE)
    );
    pack();
  }// </editor-fold>
  private void csearchActionPerformed(java.awt.event.ActionEvent evt) {
    if("balajee".equals(cname.getText()) && "28".equals(cage.getText()))
       this.setVisible(false);
       new BALA().setVisible(true);
    }
    else if("kamal".equals(cname.getText()) && "35".equals(cage.getText()))
```

```
this.setVisible(false);
     new kamal().setVisible(true);
  }
  else if("paveen".equals(cname.getText()) && "41".equals(cage.getText()))
     this.setVisible(false);
     new paveen().setVisible(true);
  }
 else
    JOptionPane.showMessageDialog(this, "invalid name or age / add to the criminal list");
  }
}
private void backActionPerformed(java.awt.event.ActionEvent evt) {
  this.setVisible(false);
  new UP().setVisible(true);
}
private void newcriminalActionPerformed(java.awt.event.ActionEvent evt) {
```

```
this.setVisible(false);
    new balajee().setVisible(true);
  }
  private void cageActionPerformed(java.awt.event.ActionEvent evt) {
    // TODO add your handling code here:
  }
  /**
   * @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(SIN.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
     } catch (InstantiationException ex) {
java.util.logging.Logger.getLogger(SIN.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
     } catch (IllegalAccessException ex) {
java.util.logging.Logger.getLogger(SIN.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
     } catch (javax.swing.UnsupportedLookAndFeelException ex) {
java.util.logging.Logger.getLogger(SIN.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
    //</editor-fold>
    /* Create and display the form */
    java.awt.EventQueue.invokeLater(new Runnable() {
       @Override
       public void run() {
         new SIN().setVisible(true);
       }
     });
```

```
}
  // Variables declaration - do not modify
  private javax.swing.JButton back;
  private javax.swing.JTextField cage;
  private javax.swing.JTextField cname;
  private javax.swing.JButton csearch;
  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.JPanel jPanel1;
  private javax.swing.JButton newcriminal;
  // End of variables declaration
  private void alertmessage(String invalid_name_or_age) {
    throw new UnsupportedOperationException("Not supported yet."); //To change body of
generated methods, choose Tools | Templates.
  }
Code:
package criminal.project;
```

```
/**
* @author sandya
*/
public class BALA extends javax.swing.JFrame {
  /**
   * Creates new form BALA
   */
  public BALA() {
    initComponents();
    this.setLocationRelativeTo(null);
  }
  /**
  * 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() {
    jPanel1 = new javax.swing.JPanel();
```

```
jLabel1 = new javax.swing.JLabel();
¡Label2 = new javax.swing.JLabel();
jLabel3 = new javax.swing.JLabel();
jLabel4 = new javax.swing.JLabel();
jLabel5 = new javax.swing.JLabel();
jLabel6 = new javax.swing.JLabel();
jLabel7 = new javax.swing.JLabel();
jLabel8 = new javax.swing.JLabel();
¡Label9 = 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();
jLabel16 = new javax.swing.JLabel();
jLabel17 = new javax.swing.JLabel();
¡Label18 = new javax.swing.JLabel();
¡Label19 = new javax.swing.JLabel();
jLabel20 = new javax.swing.JLabel();
jLabel21 = new javax.swing.JLabel();
jLabel22 = new javax.swing.JLabel();
jLabel23 = new javax.swing.JLabel();
update = new javax.swing.JButton();
finish = new javax.swing.JButton();
```

```
¡Panel2 = new javax.swing.JPanel();
jLabel24 = new javax.swing.JLabel();
setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
setUndecorated(true);
jPanel1.setBackground(new java.awt.Color(102, 102, 255));
jLabel1.setFont(new java.awt.Font("Times New Roman", 3, 24)); // NOI18N
jLabel1.setText("CRIMINAL DETAILS");
jLabel2.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
jLabel2.setText("NAME :");
jLabel3.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
jLabel3.setText("DATE OF BIRTH:");
jLabel4.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
¡Label4.setText("AGE :");
jLabel5.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
jLabel5.setText("GENDER :");
jLabel6.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
¡Label6.setText("COUNTRY:");
```

```
jLabel7.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
¡Label7.setText("STATE:");
jLabel8.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
jLabel8.setText("HEIGHT :");
jLabel9.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
¡Label9.setText("EYES:");
jLabel10.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
jLabel10.setText("CRIME :");
jLabel11.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
¡Label11.setText("BALAJEE D A");
jLabel12.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
jLabel12.setText("30/08/96");
jLabel13.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
jLabel13.setText("28");
jLabel14.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
jLabel14.setText("MALE");
```

```
jLabel15.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
¡Label15.setText("INDIA");
jLabel16.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
¡Label16.setText("TAMIL NADU");
jLabel17.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
¡Label17.setText("177CM");
jLabel18.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
¡Label18.setText("BROWN");
jLabel19.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
jLabel19.setText("ROBBERY IN BANK");
jLabel20.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
jLabel20.setText("WEIGHT:");
jLabel21.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
jLabel21.setText("HAIR:");
jLabel22.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
jLabel22.setText("70 KG");
jLabel23.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
```

```
¡Label23.setText("BLACK");
    update.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
    update.setText("UPDATE");
    update.addActionListener(new java.awt.event.ActionListener() {
       public void actionPerformed(java.awt.event.ActionEvent evt) {
         updateActionPerformed(evt);
       }
    });
    finish.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
    finish.setText("FINISH");
    finish.addActionListener(new java.awt.event.ActionListener() {
       public void actionPerformed(java.awt.event.ActionEvent evt) {
         finishActionPerformed(evt);
       }
    });
    jLabel24.setIcon(new javax.swing.ImageIcon(getClass().getResource("/WhatsApp Image
2019-04-07 at 8.29.53 PM.jpeg"))); // NOI18N
    javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);
    ¡Panel2.setLayout(¡Panel2Layout);
    jPanel2Layout.setHorizontalGroup(
      jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
.addComponent(jLabel24)
    );
    jPanel2Layout.setVerticalGroup(
      jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
       .addComponent(jLabel24, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED SIZE, 210, Short.MAX VALUE)
    );
    javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
    ¡Panel1.setLayout(¡Panel1Layout);
    jPanel1Layout.setHorizontalGroup(
      jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
       .addGroup(jPanel1Layout.createSequentialGroup()
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
           .addGroup(jPanel1Layout.createSequentialGroup()
             .addGap(69, 69, 69)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
               .addComponent(jLabel2)
               .addComponent(iLabel3)
               .addComponent(jLabel4)
               .addComponent(jLabel5)
               .addComponent(jLabel6)
               .addComponent(jLabel7)
               .addComponent(jLabel8)
```

```
.addComponent(jLabel9)
               .addComponent(jLabel10))
             .addGap(26, 26, 26)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
               .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
¡Panel1Layout.createSequentialGroup()
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .addComponent(jLabel13)
                    .addComponent(jLabel12)
                    .addComponent(jLabel11)
                    .addComponent(jLabel15)
                    .addComponent(jLabel17)
                    .addComponent(jLabel14))
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 76,
Short.MAX VALUE)
. add Group (jPanel 1 Layout.create Parallel Group (javax.swing. Group Layout. A lignment. LEAD ING) \\
                    .addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
                    .addGroup(jPanel1Layout.createSequentialGroup()
                      .addComponent(jLabel21)
                      .addGap(89, 89, 89)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                         .addComponent(jLabel23)
```

```
.addComponent(jLabel22)))
                    .addComponent(jLabel20)))
               .addGroup(jPanel1Layout.createSequentialGroup()
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                    .addGroup(jPanel1Layout.createSequentialGroup()
                      .addGap(34, 34, 34)
                      .addComponent(update)
                      .addGap(46, 46, 46)
                      .addComponent(finish))
                    .addComponent(jLabel16)
                    .addComponent(jLabel18)
                    .addComponent(jLabel19))
                  .addGap(0, 0, Short.MAX_VALUE))))
           .addGroup(jPanel1Layout.createSequentialGroup()
             .addGap(273, 273, 273)
             .addComponent(jLabel1)
             .addGap(0, 0, Short.MAX_VALUE)))
         .addGap(100, 100, 100))
    );
    jPanel1Layout.setVerticalGroup(
      jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(jPanel1Layout.createSequentialGroup()
         .addGap(19, 19, 19)
         .addComponent(jLabel1)
```

```
.addGap(28, 28, 28)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING,
false)
           .addGroup(jPanel1Layout.createSequentialGroup()
             .addGap(16, 16, 16)
             .addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
           .addGroup(jPanel1Layout.createSequentialGroup()
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELIN
E)
               .addComponent(jLabel2)
               .addComponent(jLabel11))
             .addGap(28, 28, 28)
. add Group (jPanel 1 Layout.create Parallel Group (javax.swing. Group Layout. A lignment. BASELIN) \\
E)
               .addComponent(jLabel3)
               .addComponent(jLabel12))
             .addGap(27, 27, 27)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELIN
E)
               .addComponent(jLabel4)
               .addComponent(jLabel13))
             .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT SIZE, Short.MAX VALUE)
```

```
. add Group (jPanel 1 Layout.create Parallel Group (javax.swing. Group Layout. A lignment. BASELIN) \\
E)
                 .addComponent(jLabel5)
                 .addComponent(jLabel14))
               .addGap(34, 34, 34)
. add Group (jPanel 1 Layout.create Parallel Group (javax.swing. Group Layout. A lignment. BASELIN) \\
E)
                 .addComponent(jLabel6)
                 .addComponent(jLabel15))
               .addGap(16, 16, 16)))
          .addGap(22, 22, 22)
. add Group (jPanel 1 Layout.create Parallel Group (javax.swing. Group Layout. A lignment. BASELIN) \\
E)
            .addComponent(jLabel7)
            .addComponent(jLabel16))
          .addGap(32, 32, 32)
. add Group (jPanel 1 Layout.create Parallel Group (javax.swing. Group Layout. A lignment. BASELIN) \\
E)
            .addComponent(jLabel8)
            .addComponent(jLabel17)
            .addComponent(jLabel20)
            .addComponent(jLabel22))
          .addGap(39, 39, 39)
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELIN
E)
           .addComponent(jLabel9)
           .addComponent(jLabel18)
           .addComponent(jLabel21)
           .addComponent(jLabel23))
         .addGap(33, 33, 33)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELIN
E)
           .addComponent(jLabel10)
           .addComponent(jLabel19))
         .addGap(85, 85, 85)
. add Group (jPanel 1 Layout.create Parallel Group (javax.swing. Group Layout. A lignment. BASELIN) \\
E)
           .addComponent(update)
           .addComponent(finish))
         .addContainerGap(42, Short.MAX_VALUE))
    );
    javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
    getContentPane().setLayout(layout);
    layout.setHorizontalGroup(
      layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
       .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
```

```
);
    layout.setVerticalGroup(
       layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
       .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
    );
    pack();
  }// </editor-fold>
  private void updateActionPerformed(java.awt.event.ActionEvent evt) {
    this.setVisible(false);
    new balajee().setVisible(true);
  }
  private void finishActionPerformed(java.awt.event.ActionEvent evt) {
    this.setVisible(false);
    new SIN().setVisible(true);
  }
  /**
   * @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(BALA.class.getName()).log(java.util.logging.Level.SEVER
E, null, ex);
     } catch (InstantiationException ex) {
java.util.logging.Logger.getLogger(BALA.class.getName()).log(java.util.logging.Level.SEVER
E, null, ex);
     } catch (IllegalAccessException ex) {
java.util.logging.Logger.getLogger(BALA.class.getName()).log(java.util.logging.Level.SEVER
E, null, ex);
     } catch (javax.swing.UnsupportedLookAndFeelException ex) {
```

```
java.util.logging.Logger.getLogger(BALA.class.getName()).log(java.util.logging.Level.SEVER
E, null, ex);
     }
    //</editor-fold>
    /* Create and display the form */
    java.awt.EventQueue.invokeLater(new Runnable() {
       public void run() {
         new BALA().setVisible(true);
       }
     });
  }
  // Variables declaration - do not modify
  private javax.swing.JButton finish;
  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 jLabel16;
  private javax.swing.JLabel jLabel17;
  private javax.swing.JLabel jLabel18;
```

```
private javax.swing.JLabel jLabel19;
private javax.swing.JLabel jLabel2;
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 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 jPanel1;
private javax.swing.JPanel jPanel2;
private javax.swing.JButton update;
// End of variables declaration
```

## Code:

}

package criminal.project;

/\*\*

```
* @author sandya
*/
public class kamal extends javax.swing.JFrame {
  /**
   * Creates new form kamal
   */
  public kamal() {
    initComponents();
    this.setLocationRelativeTo(null);
  }
  /**
   * 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() {
    ¡Panel1 = new javax.swing.JPanel();
    jLabel1 = new javax.swing.JLabel();
    ¡Label2 = new javax.swing.JLabel();
```

```
jLabel3 = new javax.swing.JLabel();
jLabel4 = new javax.swing.JLabel();
¡Panel2 = new javax.swing.JPanel();
jLabel6 = new javax.swing.JLabel();
jLabel5 = new javax.swing.JLabel();
jLabel7 = new javax.swing.JLabel();
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();
jButton1 = new javax.swing.JButton();
jButton2 = new javax.swing.JButton();
jLabel14 = new javax.swing.JLabel();
jLabel15 = new javax.swing.JLabel();
jLabel16 = new javax.swing.JLabel();
jLabel17 = new javax.swing.JLabel();
¡Label18 = new javax.swing.JLabel();
jLabel19 = new javax.swing.JLabel();
jLabel20 = new javax.swing.JLabel();
jLabel21 = new javax.swing.JLabel();
jLabel22 = new javax.swing.JLabel();
jLabel23 = new javax.swing.JLabel();
jLabel24 = new javax.swing.JLabel();
```

```
setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
    jPanel1.setBackground(new java.awt.Color(51, 102, 255));
    jLabel1.setFont(new java.awt.Font("Times New Roman", 3, 24)); // NOI18N
    jLabel1.setText("CRIMINAL DETAILS");
    jLabel2.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
    jLabel2.setText("NAME :");
    jLabel3.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
    jLabel3.setText("AGE :");
    jLabel4.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
    ¡Label4.setText("DATE OF BIRTH:");
    ¡Label6.setIcon(new
javax.swing.ImageIcon(getClass().getResource("/criminal/project/image.jpeg"))); // NOI18N
    javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);
    ¡Panel2.setLayout(¡Panel2Layout);
    ¡Panel2Layout.setHorizontalGroup(
      jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
       .addComponent(jLabel6, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
```

```
);
    jPanel2Layout.setVerticalGroup(
      jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
       .addComponent(jLabel6, javax.swing.GroupLayout.PREFERRED_SIZE, 184,
javax.swing.GroupLayout.PREFERRED_SIZE)
    );
    jLabel5.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
    ¡Label5.setText("GENDER:");
    jLabel7.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
    ¡Label7.setText("COUNTRY");
    jLabel8.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
    jLabel8.setText("STATE :");
    jLabel9.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
    ¡Label9.setText("HEIGHT:");
    jLabel10.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
    jLabel10.setText("WEIGHT:");
    jLabel11.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
    jLabel11.setText("EYES :");
```

```
jLabel12.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
¡Label12.setText("HAIR:");
jLabel13.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
¡Label13.setText("CRIME :");
jButton1.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
¡Button1.setText("UPDATE");
jButton2.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
¡Button2.setText("FINISH");
jLabel14.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
jLabel14.setText("KAMAL A");
jLabel15.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
jLabel15.setText("35");
jLabel16.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
jLabel16.setText("22/02/1990");
jLabel17.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
¡Label17.setText("MALE");
jLabel18.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
```

```
¡Label18.setText("INDIA");
jLabel19.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
jLabel19.setText("TAMILNADU");
jLabel20.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
jLabel20.setText("150 CM");
jLabel21.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
jLabel21.setText("65 KG");
jLabel22.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
jLabel22.setText("BLACK");
jLabel23.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
jLabel23.setText("BLACK");
jLabel24.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
¡Label24.setText("RAPEIST");
javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
jPanel1.setLayout(jPanel1Layout);
jPanel1Layout.setHorizontalGroup(
  jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
  .addGroup(jPanel1Layout.createSequentialGroup()
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
           .addGroup(jPanel1Layout.createSequentialGroup()
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
               .addComponent(jLabel3)
               .addComponent(jLabel2)
               .addComponent(jLabel4)
               .addComponent(jLabel5))
             .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
             .addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, javax.swing.GroupLayout.PREFERRED SIZE)
             .addGap(137, 137, 137))
           .addGroup(jPanel1Layout.createSequentialGroup()
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
               .addComponent(jLabel11)
               .addComponent(jLabel7)
               .addGroup(jPanel1Layout.createSequentialGroup()
                 .addComponent(jLabel9)
                 .addGap(236, 236, 236)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING,
false)
                    .addGroup(jPanel1Layout.createSequentialGroup()
                      .addComponent(jLabel12)
```

.addGap(57, 57, 57)

```
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
                      .addComponent(jLabel23))
                    .addGroup(jPanel1Layout.createSequentialGroup()
                       .addComponent(jLabel10)
                      .addGap(68, 68, 68)
                      .addComponent(jLabel21)))))
             .addGap(0, 180, Short.MAX_VALUE))
           .addGroup(jPanel1Layout.createSequentialGroup()
. add Group (jPanel 1 Layout.create Parallel Group (javax.swing. Group Layout. A lignment. LEAD ING) \\
                .addComponent(jLabel8)
                .addComponent(jLabel13))
             .addGap(118, 118, 118)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addComponent(jLabel24)
                .addComponent(jLabel19)
                .addGroup(jPanel1Layout.createSequentialGroup()
                  .addComponent(jButton1)
                  .addGap(64, 64, 64)
                  .addComponent(jButton2))
                .addComponent(jLabel1)
                .addComponent(jLabel14)
                .addComponent(jLabel15)
                .addComponent(jLabel16)
```

```
.addComponent(jLabel17)
                .addComponent(jLabel18)
                .addComponent(jLabel20)
                .addComponent(jLabel22))
             .addContainerGap(javax.swing.GroupLayout.DEFAULT SIZE,
Short.MAX VALUE))))
    );
    ¡Panel1Layout.setVerticalGroup(
      jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
       .addGroup(jPanel1Layout.createSequentialGroup()
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
           .addGroup(jPanel1Layout.createSequentialGroup()
             .addGap(32, 32, 32)
             .addComponent(jLabel1)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                .addGroup(jPanel1Layout.createSequentialGroup()
                  .addGap(33, 33, 33)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELIN
E)
                    .addComponent(jLabel2)
                    .addComponent(jLabel14))
                  .addGap(26, 26, 26)
. add Group (jPanel 1 Layout.create Parallel Group (javax.swing. Group Layout. A lignment. BASELIN) \\
E)
```

```
.addComponent(jLabel3)
                    .addComponent(jLabel15))
                  .addGap(33, 33, 33)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELIN
E)
                    .addComponent(jLabel4)
                    .addComponent(jLabel16))
                  .addGap(26, 26, 26)
. add Group (jPanel 1 Layout.create Parallel Group (javax.swing. Group Layout. A lignment. BASELIN) \\
E)
                    .addComponent(jLabel5)
                    .addComponent(jLabel17)))
               .addGroup(jPanel1Layout.createSequentialGroup()
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
                 .addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, javax.swing.GroupLayout.PREFERRED SIZE)))
             .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
             .addComponent(jLabel7))
           .addGroup(jPanel1Layout.createSequentialGroup()
             .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX VALUE)
             .addComponent(jLabel18)))
         .addGap(26, 26, 26)
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELIN
E)
           .addComponent(jLabel8)
           .addComponent(jLabel19))
         .addGap(18, 18, 18)
. add Group (jPanel 1 Layout.create Parallel Group (javax.swing. Group Layout. A lignment. LEAD ING) \\
           .addComponent(jLabel9, javax.swing.GroupLayout.Alignment.TRAILING)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELIN
E)
             .addComponent(jLabel10)
             .addComponent(jLabel20)
             .addComponent(jLabel21)))
         .addGap(41, 41, 41)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELIN
E)
           .addComponent(jLabel11)
           .addComponent(jLabel12)
           .addComponent(jLabel22)
           .addComponent(jLabel23))
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
           .addGroup(jPanel1Layout.createSequentialGroup()
             .addGap(26, 26, 26)
             .addComponent(jLabel13)
```

```
.addContainerGap(38, Short.MAX_VALUE))
           .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
iPanel1Layout.createSequentialGroup()
             .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT SIZE, Short.MAX VALUE)
             .addComponent(jLabel24)
. add Preferred Gap (javax.swing. Layout Style. Component Placement. UNRELATED) \\
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELIN
E)
               .addComponent(iButton2)
               .addComponent(jButton1))))
    );
    javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
    getContentPane().setLayout(layout);
    layout.setHorizontalGroup(
      layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
    );
    layout.setVerticalGroup(
      layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, Short.MAX VALUE)
    );
```

```
pack();
  }// </editor-fold>
  /**
   * @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(kamal.class.getName()).log(java.util.logging.Level.SEVERE
, null, ex);
     } catch (InstantiationException ex) {
```

```
java.util.logging.Logger.getLogger(kamal.class.getName()).log(java.util.logging.Level.SEVERE
, null, ex);
     } catch (IllegalAccessException ex) {
java.util.logging.Logger.getLogger(kamal.class.getName()).log(java.util.logging.Level.SEVERE
, null, ex);
     } catch (javax.swing.UnsupportedLookAndFeelException ex) {
java.util.logging.Logger.getLogger(kamal.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 kamal().setVisible(true);
       }
     });
  }
  // Variables declaration - do not modify
  private javax.swing.JButton jButton1;
  private javax.swing.JButton jButton2;
  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 jLabel16;
private javax.swing.JLabel jLabel17;
private javax.swing.JLabel jLabel18;
private javax.swing.JLabel jLabel19;
private javax.swing.JLabel jLabel2;
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 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 jPanel1;
private javax.swing.JPanel jPanel2;
// End of variables declaration
```

```
}
Code:
package criminal.project;
import java.io.File;
import javax.swing.JFileChooser;
import javax.swing.JOptionPane;
import javax.swing.filechooser.FileNameExtensionFilter;
/**
* @author sandya
*/
public class balajee extends javax.swing.JFrame {
  /**
   * Creates new form balajee
   */
  String image_path = null;
  public balajee() {
    initComponents();
```

```
this.setLocationRelativeTo(null);
/**
* 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() {
  ¡Panel1 = new javax.swing.JPanel();
  jLabel1 = new javax.swing.JLabel();
  jTextField1 = new javax.swing.JTextField();
  ¡Label2 = new javax.swing.JLabel();
  jTextField2 = new javax.swing.JTextField();
  ¡Label3 = new javax.swing.JLabel();
  ¡Label4 = new javax.swing.JLabel();
  jTextField3 = new javax.swing.JTextField();
  jLabel5 = new javax.swing.JLabel();
  ¡Label6 = new javax.swing.JLabel();
  jTextField5 = new javax.swing.JTextField();
  jLabel7 = new javax.swing.JLabel();
  jLabel8 = new javax.swing.JLabel();
```

```
jLabel9 = new javax.swing.JLabel();
jLabel10 = new javax.swing.JLabel();
jLabel11 = new javax.swing.JLabel();
jTextField6 = new javax.swing.JTextField();
jTextField7 = new javax.swing.JTextField();
jTextField8 = new javax.swing.JTextField();
jTextField9 = new javax.swing.JTextField();
jTextField10 = new javax.swing.JTextField();
jLabel12 = new javax.swing.JLabel();
jLabel13 = new javax.swing.JLabel();
jTextField11 = new javax.swing.JTextField();
reset = new javax.swing.JButton();
finish = new javax.swing.JButton();
select_image = new javax.swing.JButton();
jComboBox1 = new javax.swing.JComboBox();
setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
setUndecorated(true);
jPanel1.setBackground(new java.awt.Color(51, 51, 255));
jLabel1.setBackground(new java.awt.Color(255, 255, 255));
jLabel1.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
jLabel1.setText("NAME :");
```

```
jLabel2.setBackground(new java.awt.Color(102, 102, 255));
jLabel2.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
¡Label2.setText("DATE OF BIRTH :");
jLabel3.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
jLabel3.setText("AGE :");
jLabel4.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
¡Label4.setText("GENDER :");
jLabel5.setFont(new java.awt.Font("Times New Roman", 3, 24)); // NOI18N
jLabel5.setText("CRIMINAL DETAILS");
jLabel6.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
¡Label6.setText("COUNTRY:");
jLabel7.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
jLabel7.setText("STATE :");
jLabel8.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
¡Label8.setText("HEIGHT:");
jLabel9.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
jLabel9.setText("WEIGHT :");
```

```
jLabel10.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
¡Label10.setText("EYES:");
jLabel11.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
¡Label11.setText("HAIR COLOR :");
jLabel12.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
jLabel12.setText(" IMAGE :");
jLabel13.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
¡Label13.setText("CRIME :");
reset.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
reset.setText("RESET");
reset.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    resetActionPerformed(evt);
  }
});
finish.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
finish.setText("FINISH");
finish.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    finishActionPerformed(evt);
```

```
}
    });
    select_image.setText("select_image");
    select_image.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
         select_imageActionPerformed(evt);
       }
    });
    jComboBox1.setFont(new java.awt.Font("Times New Roman", 3, 14)); // NOI18N
    jComboBox1.setModel(new javax.swing.DefaultComboBoxModel(new String[] {
"NONE", "MALE", "FEMALE", "OTHERS" }));
    javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
    ¡Panel1.setLayout(¡Panel1Layout);
    jPanel1Layout.setHorizontalGroup(
      jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
       .addGroup(jPanel1Layout.createSequentialGroup()
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
           .addGroup(jPanel1Layout.createSequentialGroup()
             .addGap(39, 39, 39)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
               .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED_SIZE, 59,
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
.addComponent(jLabel2)
               .addComponent(jLabel3)
               .addComponent(jLabel4)
               .addComponent(jLabel6)
               .addComponent(jLabel7)
               .addComponent(jLabel10)
               .addComponent(jLabel8)
               .addComponent(jLabel13))
             .addGap(50, 50, 50)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING,
false)
               .addComponent(jTextField1)
               .addComponent(jTextField2)
               .addComponent(jTextField3)
               .addComponent(jTextField5)
               .addComponent(jTextField6)
               .addComponent(jTextField7)
               .addComponent(jTextField9)
               .addComponent(jTextField11, javax.swing.GroupLayout.DEFAULT SIZE,
124, Short.MAX VALUE)
               .addComponent(jComboBox1, 0, javax.swing.GroupLayout.DEFAULT_SIZE,
Short.MAX_VALUE))
             .addGap(82, 82, 82)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
               .addComponent(jLabel9)
```

```
.addComponent(jLabel11)
               .addComponent(jLabel12, javax.swing.GroupLayout.PREFERRED_SIZE, 88,
javax.swing.GroupLayout.PREFERRED_SIZE))
             .addGap(26, 26, 26)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
               .addComponent(select_image)
               .addComponent(jTextField10, javax.swing.GroupLayout.PREFERRED_SIZE,
124, javax.swing.GroupLayout.PREFERRED_SIZE)
               .addComponent(jTextField8, javax.swing.GroupLayout.PREFERRED_SIZE,
124, javax.swing.GroupLayout.PREFERRED_SIZE)))
           .addGroup(jPanel1Layout.createSequentialGroup()
             .addGap(255, 255, 255)
             .addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED SIZE, 281,
javax.swing.GroupLayout.PREFERRED_SIZE))
           .addGroup(jPanel1Layout.createSequentialGroup()
             .addGap(240, 240, 240)
             .addComponent(reset)
             .addGap(74, 74, 74)
             .addComponent(finish)))
         .addContainerGap(117, Short.MAX_VALUE))
    );
    jPanel1Layout.setVerticalGroup(
      jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(jPanel1Layout.createSequentialGroup()
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

.addGroup(jPanel1Layout.createSequentialGroup()

.addContainerGap()

.addComponent(jLabel5)

.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)

.addGroup(jPanel1Layout.createSequentialGroup()

.addGap(51, 51, 51)

. add Group (jPanel 1 Layout.create Parallel Group (javax.swing. Group Layout. A lignment. BASELINE)

.addComponent(jLabel1)

.addComponent(jTextField1,

javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

. add Group (jPanel 1 Layout.create Parallel Group (javax.swing. Group Layout. A lignment. BASELINE)

.addComponent(jLabel2)

.addComponent(jTextField2,

 $javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))$ 

.addGap(18, 18, 18)

. add Group (jPanel 1 Layout.create Parallel Group (javax.swing. Group Layout. A lignment. BASELINE)

.addComponent(jLabel3)

.addComponent(jTextField3,

 $javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))$ 

.addGap(18, 18, 18)

. add Group (jPanel 1 Layout.create Parallel Group (javax.swing. Group Layout. A lignment. BASELINE)

.addComponent(jLabel4)

.addComponent(jComboBox1,

javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(22, 22, 22)

. add Group (jPanel 1 Layout.create Parallel Group (javax.swing. Group Layout. A lignment. BASELINE)

.addComponent(jLabel6)

.addComponent(jTextField5,

javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))

.addGap(18, 18, 18)

. add Group (jPanel 1 Layout. create Parallel Group (javax. swing. Group Layout. A lignment. BASELINE)

.addComponent(jLabel7)

.addComponent(jTextField6,

javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel12)

.addComponent(select\_image))

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 29, Short.MAX\_VALUE)

. add Group (jPanel 1 Layout.create Parallel Group (javax.swing. Group Layout. A lignment. BASELINE)

.addComponent(jLabel9)

.addComponent(jTextField8,

javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)))

. add Group (javax.swing. Group Layout. A lignment. TRAILING, jPanel 1 Layout.create Sequential Group ()

.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, javax.swing.GroupLayout.DEFAULT\_SIZE, Short.MAX\_VALUE)

. add Group (jPanel 1 Layout.create Parallel Group (javax.swing. Group Layout. A lignment. BASELINE)

.addComponent(jLabel8)

.addComponent(jTextField7,

javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE))))

.addGap(18, 18, 18)

. add Group (jPanel 1 Layout.create Parallel Group (javax.swing. Group Layout. A lignment. BASELINE)

.addComponent(jTextField9, javax.swing.GroupLayout.PREFERRED\_SIZE, javax.swing.GroupLayout.DEFAULT\_SIZE, javax.swing.GroupLayout.PREFERRED\_SIZE)

.addComponent(jLabel10))

.addGap(23, 23, 23))

. add Group (javax.swing. Group Layout. A lignment. TRAILING, jPanel 1 Layout.create Sequential Group ()

 $. add Container Gap (javax.swing. Group Layout. DEFAULT\_SIZE, Short. MAX\_VALUE)$ 

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELIN
E)
               .addComponent(jTextField10, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, javax.swing.GroupLayout.PREFERRED SIZE)
               .addComponent(jLabel11))
             .addGap(18, 18, 18)))
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELIN
E)
           .addComponent(jLabel13)
           .addComponent(jTextField11, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
         .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 30,
Short.MAX_VALUE)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELIN
E)
           .addComponent(reset)
           .addComponent(finish))
         .addContainerGap())
    );
    javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
    getContentPane().setLayout(layout);
    layout.setHorizontalGroup(
      layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
```

```
);
    layout.setVerticalGroup(
      layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
       .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
    );
    pack();
  }// </editor-fold>
  private void resetActionPerformed(java.awt.event.ActionEvent evt) {
    this.setVisible(false);
    new balajee().setVisible(true);
  }
  private void finishActionPerformed(java.awt.event.ActionEvent evt) {
    JOptionPane.showMessageDialog(this, "New Criminal inserted");
    this.setVisible(false);
    new SIN().setVisible(true);
  }
```

```
private void select_imageActionPerformed(java.awt.event.ActionEvent evt) {
  /* String path = null;
   JFileChooser chooser = new JFileChooser();
   chooser.setCurrentDirectory(new File(System.getProperty(user.home)));
   FileNameExtensionFilter extension = new FileNameExtensionFilter( "*Images", "jpg",
"png", "jpeg");
   chooser.addChoosableFileFilter(extension);
   int filestate = chooser.showSaveDialog(null);
   if(filestate == JFilechooser.APPROVE_OPTION) {
      File selectedImage = chooser.getSelectedFile();
      path = selectedImage.getAbsolutePath();
     ¡Label_imgpath.setText(path);
   }
    }*/
  /**
   * @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(balajee.class.getName()).log(java.util.logging.Level.SEVER
E, null, ex);
     } catch (InstantiationException ex) {
java.util.logging.Logger.getLogger(balajee.class.getName()).log(java.util.logging.Level.SEVER
E, null, ex);
     } catch (IllegalAccessException ex) {
java.util.logging.Logger.getLogger(balajee.class.getName()).log(java.util.logging.Level.SEVER
E, null, ex);
     } catch (javax.swing.UnsupportedLookAndFeelException ex) {
```

```
java.util.logging.Logger.getLogger(balajee.class.getName()).log(java.util.logging.Level.SEVER
E, null, ex);
     }
    //</editor-fold>
    /* Create and display the form */
    java.awt.EventQueue.invokeLater(new Runnable() {
       public void run() {
         new balajee().setVisible(true);
       }
     });
  }
  // Variables declaration - do not modify
  private javax.swing.JButton finish;
  private javax.swing.JComboBox jComboBox1;
  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 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 jPanel1;
  private javax.swing.JTextField jTextField1;
  private javax.swing.JTextField jTextField10;
  private javax.swing.JTextField jTextField11;
  private javax.swing.JTextField jTextField2;
  private javax.swing.JTextField jTextField3;
  private javax.swing.JTextField jTextField5;
  private javax.swing.JTextField jTextField6;
  private javax.swing.JTextField jTextField7;
  private javax.swing.JTextField jTextField8;
  private javax.swing.JTextField jTextField9;
  private javax.swing.JButton reset;
  private javax.swing.JButton select_image;
  // End of variables declaration
  private void alertmessage(String new_Criminal_inserted) {
     throw new UnsupportedOperationException("Not supported yet."); //To change body of
generated methods, choose Tools | Templates.
```

## **OUTPUT**

















