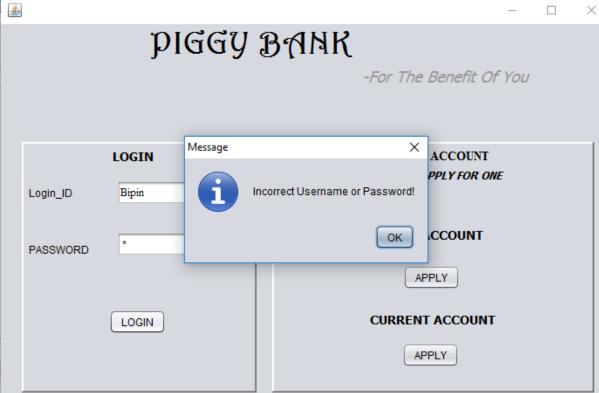
**LOGIN FORM** 





import java.sql.Connection;

import java.sql.DriverManager;

```
import java.sql.ResultSet;
import java.sql.Statement;
import javax.swing.JOptionPane;
/*
* 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 hp
*/
public class Login extends javax.swing.JFrame {
  /**
  * Creates new form Login
  */
  public Login() {
    initComponents();
  }
  /**
  * This method is called from within the constructor to initialize the form.
  * WARNING: Do NOT modify this code. The content of this method is always
  * regenerated by the Form Editor.
  */
  @SuppressWarnings("unchecked")
  // <editor-fold defaultstate="collapsed" desc="Generated Code">
  private void initComponents() {
```

```
jLabel2 = new javax.swing.JLabel();
    jLabel3 = new javax.swing.JLabel();
    jPanel1 = new javax.swing.JPanel();
    jLabel1 = new javax.swing.JLabel();
    id = new javax.swing.JTextField();
    jLabel4 = new javax.swing.JLabel();
    jButton3 = new javax.swing.JButton();
    jLabel9 = new javax.swing.JLabel();
    passwd = new javax.swing.JPasswordField();
    jPanel2 = new javax.swing.JPanel();
    jLabel5 = new javax.swing.JLabel();
    jLabel6 = new javax.swing.JLabel();
    jButton1 = new javax.swing.JButton();
    jLabel7 = new javax.swing.JLabel();
    jLabel8 = new javax.swing.JLabel();
    jButton2 = new javax.swing.JButton();
    setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
    jLabel2.setFont(new java.awt.Font("Harrington", 1, 36)); // NOI18N
    jLabel2.setText("
                            PIGGY BANK");
    jLabel3.setFont(new java.awt.Font("Tahoma", 2, 18)); // NOI18N
    jLabel3.setForeground(new java.awt.Color(153, 153, 153));
    jLabel3.setText("-For The Benefit Of You");
jPanel1.setBorder(javax.swing.BorderFactory.createBevelBorder(javax.swing.border.BevelBorder.RA
ISED));
    jLabel1.setText("Login ID");
```

```
jLabel4.setText("PASSWORD");
           jButton3.setText("LOGIN");
           jButton3.addActionListener(new java.awt.event.ActionListener() {
                 public void actionPerformed(java.awt.event.ActionEvent evt) {
                       jButton3ActionPerformed(evt);
                }
           });
           jLabel9.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
           jLabel9.setText("LOGIN");
           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()
                                   .addContainerGap()
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                                         . add Component (jLabel 1, javax. swing. Group Layout. PREFERRED\_SIZE, 83, in the property of the property o
javax.swing.GroupLayout.PREFERRED_SIZE)
                                         .addComponent(jLabel4))
                                   .addGap(18, 18, 18)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                                         .addComponent(id)
                                         .addComponent(passwd)))
```

.addGroup(jPanel1Layout.createSequentialGroup()

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
              .addGroup(jPanel1Layout.createSequentialGroup()
                .addGap(98, 98, 98)
                .addComponent(jButton3))
              .addGroup(jPanel1Layout.createSequentialGroup()
                .addGap(102, 102, 102)
                .addComponent(jLabel9)))
            .addGap(0, 96, Short.MAX_VALUE)))
        .addContainerGap())
    );
    jPanel1Layout.setVerticalGroup(
      jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(jPanel1Layout.createSequentialGroup()
        .addContainerGap()
        .addComponent(jLabel9)
        .addGap(19, 19, 19)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
          .addComponent(jLabel1)
          .addComponent(id, javax.swing.GroupLayout.PREFERRED SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(31, 31, 31)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
          .addComponent(jLabel4)
          .addComponent(passwd, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(61, 61, 61)
        .addComponent(jButton3)
        .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
    );
```

j Panel 2. set Border (javax. swing. Border Factory. create Bevel Border (javax. swing. border. Bevel Border. RAISED));

```
jLabel5.setFont(new java.awt.Font("Times New Roman", 1, 14)); // NOI18N
    jLabel5.setText("DONT HAVE AN ACCOUNT");
    jLabel6.setFont(new java.awt.Font("Tahoma", 3, 12)); // NOI18N
    jLabel6.setText("APPLY FOR ONE ");
    jButton1.setText("APPLY");
    jButton1.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        ¡Button1ActionPerformed(evt);
      }
    });
    jLabel7.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
    jLabel7.setText(" SAVING ACCOUNT");
    jLabel8.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
    jLabel8.setText(" CURRENT ACCOUNT");
    ¡Button2.setText("APPLY");
    javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);
    jPanel2.setLayout(jPanel2Layout);
    jPanel2Layout.setHorizontalGroup(
      jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel2Layout.createSequentialGroup()
```

```
.addContainerGap(72, Short.MAX_VALUE)
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
          .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel2Layout.createSequentialGroup()
            .addComponent(jLabel5, javax.swing.GroupLayout.PREFERRED SIZE, 231,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(62, 62, 62))
          .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel2Layout.createSequentialGroup()
            .addComponent(jLabel6, javax.swing.GroupLayout.PREFERRED SIZE, 120,
javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(79, 79, 79))))
      .addGroup(jPanel2Layout.createSequentialGroup()
        .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
.addGroup(jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
          .addComponent(jLabel7, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED SIZE, 177, javax.swing.GroupLayout.PREFERRED SIZE)
          .addComponent(jLabel8, javax.swing.GroupLayout.Alignment.TRAILING,
javax.swing.GroupLayout.PREFERRED_SIZE, 191, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(0, 0, Short.MAX VALUE))
      .addGroup(jPanel2Layout.createSequentialGroup()
        .addGap(148, 148, 148)
        .addComponent(jButton1)
        .addGap(0, 0, Short.MAX VALUE))
      .addGroup(jPanel2Layout.createSequentialGroup()
        .addGap(147, 147, 147)
        .addComponent(jButton2)
        .addGap(0, 0, Short.MAX VALUE))
    );
    jPanel2Layout.setVerticalGroup(
      ¡Panel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

.addGroup(jPanel2Layout.createSequentialGroup()

```
.addContainerGap()
        .addComponent(jLabel5)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
        .addComponent(jLabel6)
        .addGap(52, 52, 52)
        .addComponent(jLabel7)
        .addGap(26, 26, 26)
        .addComponent(jButton1)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 26,
Short.MAX_VALUE)
        .addComponent(jLabel8)
        .addGap(18, 18, 18)
        .addComponent(jButton2)
        .addGap(27, 27, 27))
    );
    javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
    getContentPane().setLayout(layout);
    layout.setHorizontalGroup(
      layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, layout.createSequentialGroup()
        .addGap(0, 0, Short.MAX VALUE)
        .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED SIZE, 203,
javax.swing.GroupLayout.PREFERRED SIZE)
        .addGap(83, 83, 83))
      .addGroup(layout.createSequentialGroup()
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
          .addGroup(layout.createSequentialGroup()
            .addGap(24, 24, 24)
            .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
            .addGap(18, 18, 18)
```

```
.addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, javax.swing.GroupLayout.PREFERRED SIZE))
          .addGroup(layout.createSequentialGroup()
            .addContainerGap()
            .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED SIZE, 591,
javax.swing.GroupLayout.PREFERRED_SIZE)))
        .addContainerGap(20, Short.MAX_VALUE))
    );
    layout.setVerticalGroup(
      layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(layout.createSequentialGroup()
        .addComponent(jLabel2)
        . add Preferred Gap (javax.swing. Layout Style. Component Placement. RELATED) \\
        .addComponent(jLabel3)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 64,
Short.MAX_VALUE)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
          .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
          .addComponent(jPanel2, javax.swing.GroupLayout.DEFAULT_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE))
        .addContainerGap())
    );
    pack();
  }// </editor-fold>
  private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
String Ign = id.getText();
String pwd = new String (passwd.getPassword());
if (lgn.equals("") || pwd.equals(""))
```

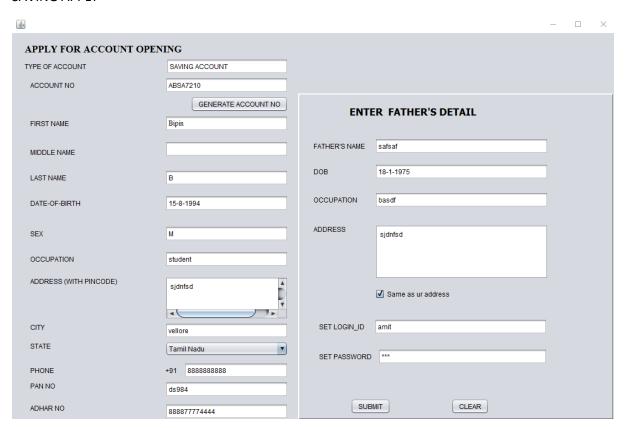
```
{
  JOptionPane.showMessageDialog(this, "Field cannot be empty");
}
else
{
  try
  {
    Class.forName("com.mysql.jdbc.Driver");
    Connection con= (Connection)
DriverManager.getConnection("jdbc:mysql://localhost:3306/banking","root","rish");
    Statement stmt=con.createStatement();
    ResultSet rs = stmt.executeQuery("Select * from login");
while (rs.next())
{
  if ((lgn.equals(rs.getString(1))) && (pwd.equals(rs.getString(2))))
  {
    JOptionPane.showMessageDialog(this, "Login Successful");
    this.setVisible(false);
    new WELCOME().setVisible(true);
  }
  else
  {
    JOptionPane.showMessageDialog(this, "Incorrect Username or Password!");
  }
}
  }
  catch(Exception e)
```

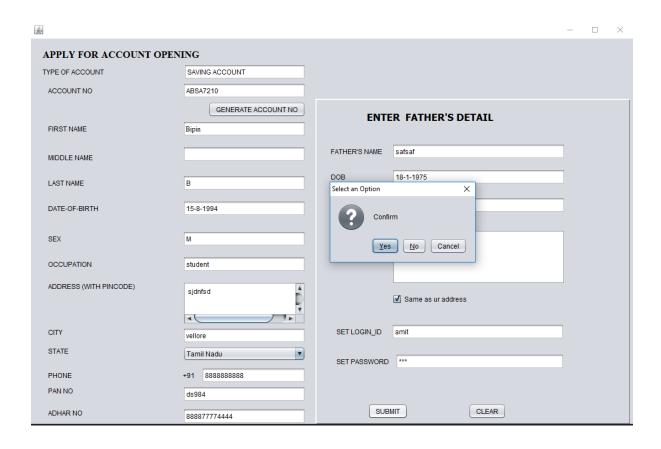
```
{
    JOptionPane.showMessageDialog(this, e.getMessage());
  }
}
    // TODO add your handling code here:
  }
  private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
this.setVisible(false);
new APPLY_SAV().setVisible(true);// TODO add your handling code here:
  }
  /**
  * @param 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) {
```

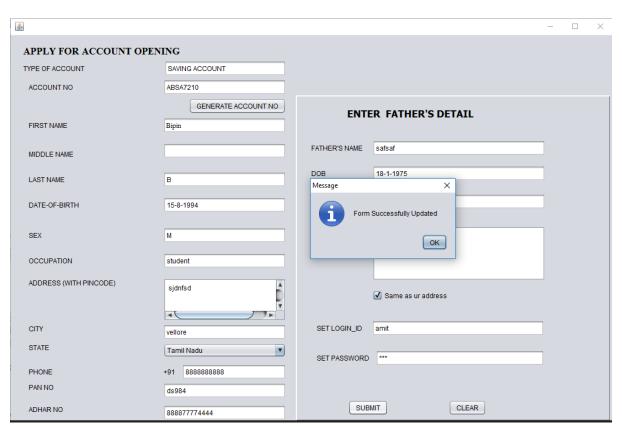
```
java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
    } catch (InstantiationException ex) {
      java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
    } catch (IllegalAccessException ex) {
      java.util.logging.Logger.getLogger(Login.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
      java.util.logging.Logger.getLogger(Login.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 Login().setVisible(true);
      }
    });
  }
  // Variables declaration - do not modify
  private javax.swing.JTextField id;
  private javax.swing.JButton jButton1;
  private javax.swing.JButton jButton2;
  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.JLabel jLabel9;
private javax.swing.JPanel jPanel1;
private javax.swing.JPanel jPanel2;
private javax.swing.JPasswordField passwd;
// End of variables declaration
}
```

## SAVING APPLY







```
import java.sql.Connection;
import java.sql.DriverManager;
import java.sql.Statement;
import java.util.Random;
import javax.swing.JOptionPane;
/*
* 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 hp
*/
public class APPLY_SAV extends javax.swing.JFrame {
  /**
  * Creates new form APPLY_SAV
  */
  public APPLY_SAV() {
    initComponents();
  }
  /**
  * This method is called from within the constructor to initialize the form.
  * WARNING: Do NOT modify this code. The content of this method is always
  * regenerated by the Form Editor.
  */
  @SuppressWarnings("unchecked")
```

```
// <editor-fold defaultstate="collapsed" desc="Generated Code">
private void initComponents() {
  fn = new javax.swing.JTextField();
  jLabel1 = new javax.swing.JLabel();
  mn = new javax.swing.JTextField();
  jButton1 = new javax.swing.JButton();
  acntN = new javax.swing.JTextField();
  jLabel6 = new javax.swing.JLabel();
  jLabel8 = new javax.swing.JLabel();
  jLabel3 = new javax.swing.JLabel();
  sx = new javax.swing.JTextField();
  occ = new javax.swing.JTextField();
  jLabel7 = new javax.swing.JLabel();
  jLabel2 = new javax.swing.JLabel();
  jLabel5 = new javax.swing.JLabel();
  jLabel9 = new javax.swing.JLabel();
  In = new javax.swing.JTextField();
  jLabel4 = new javax.swing.JLabel();
  Typ = new javax.swing.JTextField();
  jScrollPane1 = new javax.swing.JScrollPane();
  add = new javax.swing.JTextArea();
  jLabel10 = new javax.swing.JLabel();
  ct = new javax.swing.JTextField();
  jLabel11 = new javax.swing.JLabel();
  st = new javax.swing.JComboBox<>();
  jLabel12 = new javax.swing.JLabel();
  phn = new javax.swing.JTextField();
  jLabel13 = new javax.swing.JLabel();
  jLabel14 = new javax.swing.JLabel();
  panNo = new javax.swing.JTextField();
```

```
jLabel15 = new javax.swing.JLabel();
adN = new javax.swing.JTextField();
jPanel1 = new javax.swing.JPanel();
jLabel16 = new javax.swing.JLabel();
jLabel17 = new javax.swing.JLabel();
faName = new javax.swing.JTextField();
jLabel18 = new javax.swing.JLabel();
fdob = new javax.swing.JTextField();
jLabel20 = new javax.swing.JLabel();
Focc = new javax.swing.JTextField();
jLabel21 = new javax.swing.JLabel();
jScrollPane2 = new javax.swing.JScrollPane();
Fadd = new javax.swing.JTextArea();
jButton2 = new javax.swing.JButton();
jButton3 = new javax.swing.JButton();
chl = new javax.swing.JCheckBox();
jLabel22 = new javax.swing.JLabel();
jLabel23 = new javax.swing.JLabel();
jLabel24 = new javax.swing.JLabel();
log_id = new javax.swing.JTextField();
pwd = new javax.swing.JPasswordField();
jLabel19 = new javax.swing.JLabel();
dob = new javax.swing.JTextField();
setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
addFocusListener(new java.awt.event.FocusAdapter() {
  public void focusGained(java.awt.event.FocusEvent evt) {
    formFocusGained(evt);
 }
});
```

```
jLabel1.setFont(new java.awt.Font("Times New Roman", 1, 18)); // NOI18N
jLabel1.setText("APPLY FOR ACCOUNT OPENING");
jButton1.setText("GENERATE ACCOUNT NO");
jButton1.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    jButton1ActionPerformed(evt);
 }
});
acntN.addActionListener(new java.awt.event.ActionListener() {
  public void actionPerformed(java.awt.event.ActionEvent evt) {
    acntNActionPerformed(evt);
 }
});
acntN.addFocusListener(new java.awt.event.FocusAdapter() {
  public void focusGained(java.awt.event.FocusEvent evt) {
    acntNFocusGained(evt);
 }
});
jLabel6.setText("LAST NAME");
jLabel8.setText("OCCUPATION");
jLabel3.setText("ACCOUNT NO");
jLabel7.setText("SEX");
jLabel2.setText("TYPE OF ACCOUNT");
```

```
jLabel5.setText("MIDDLE NAME");
    jLabel9.setText("ADDRESS (WITH PINCODE)");
    jLabel4.setText("FIRST NAME");
    Typ.setText("SAVING ACCOUNT");
    Typ.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        TypActionPerformed(evt);
      }
    });
    add.setColumns(20);
    add.setRows(5);
    add.setWrapStyleWord(true);
    jScrollPane1.setViewportView(add);
    jLabel10.setText("CITY");
    jLabel11.setText("STATE");
    st.setModel(new javax.swing.DefaultComboBoxModel<>(new String[] { "Andhra Pradesh",
"Arunachal Pradesh", "Assam", "Bihar", "Chhattisgarh", "Goa", "Gujarat", "Haryana", "Himachal
Pradesh", "Jammu & Kashmir", "Jharkhand", "Karnataka", "Kerala", "Madhya Pradesh",
"Maharashtra", "Manipur", "Meghalaya", "Mizoram", "Nagaland", "Odisha (Orissa)", "Punjab",
"Rajasthan", "Sikkim", "Tamil Nadu", "Telangana", "Tripura", "Uttar Pradesh", "Uttarakhand", "West
Bengal", " " }));
    jLabel12.setText("PHONE");
    jLabel13.setText("+91");
```

```
jLabel14.setText("PAN NO");
    jLabel15.setText("ADHAR NO");
    jPanel1.setBorder(new
javax.swing.border.SoftBevelBorder(javax.swing.border.BevelBorder.RAISED));
    jLabel16.setFont(new java.awt.Font("Tahoma", 1, 18)); // NOI18N
    jLabel16.setText("ENTER FATHER'S DETAIL");
    jLabel17.setText("FATHER'S NAME");
    jLabel18.setText("DOB");
    jLabel20.setText("OCCUPATION");
    jLabel21.setText("ADDRESS");
    Fadd.setColumns(20);
    Fadd.setRows(5);
    jScrollPane2.setViewportView(Fadd);
    ¡Button2.setText("SUBMIT");
    jButton2.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton2ActionPerformed(evt);
      }
    });
    jButton3.setText("CLEAR");
    jButton3.addActionListener(new java.awt.event.ActionListener() {
```

```
public void actionPerformed(java.awt.event.ActionEvent evt) {
        jButton3ActionPerformed(evt);
      }
    });
    chl.setText("Same as ur address");
    chl.addActionListener(new java.awt.event.ActionListener() {
      public void actionPerformed(java.awt.event.ActionEvent evt) {
        chlActionPerformed(evt);
      }
    });
    jLabel23.setText("SET LOGIN_ID");
    jLabel24.setText("SET PASSWORD");
    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()
            .addGap(90, 90, 90)
            .addComponent(jLabel16))
          .addGroup(jPanel1Layout.createSequentialGroup()
            .addGap(25, 25, 25)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
              .addGroup(jPanel1Layout.createSequentialGroup()
```

```
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
                  .addComponent(jLabel17)
                  .addComponent(jLabel18)
                  .addComponent(jLabel20)
                  .addComponent(jLabel21))
                .addGap(18, 18, 18)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
                  .addComponent(faName)
                  .addComponent(fdob)
                  .addComponent(Focc)
                  .addComponent(jScrollPane2, javax.swing.GroupLayout.DEFAULT_SIZE, 313,
Short.MAX_VALUE)
                  .addComponent(chl, javax.swing.GroupLayout.PREFERRED_SIZE, 157,
javax.swing.GroupLayout.PREFERRED_SIZE)))
              .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
                .addComponent(jLabel22)
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 10,
Short.MAX_VALUE)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING, false)
                  .addGroup(jPanel1Layout.createSequentialGroup()
                    .addComponent(jLabel24)
.addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
                    .addComponent(pwd))
                  .addGroup(jPanel1Layout.createSequentialGroup()
                    .addComponent(jLabel23)
                    .addGap(18, 18, 18)
                    .addComponent(log_id, javax.swing.GroupLayout.PREFERRED_SIZE, 312,
javax.swing.GroupLayout.PREFERRED_SIZE)))
                .addGap(38, 38, 38))))
```

```
.addGroup(jPanel1Layout.createSequentialGroup()
            .addGap(92, 92, 92)
            .addComponent(jButton2)
            .addGap(110, 110, 110)
            .addComponent(jButton3)))
        .addContainerGap(78, Short.MAX_VALUE))
    );
    jPanel1Layout.setVerticalGroup(
      jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(jPanel1Layout.createSequentialGroup()
        .addGap(19, 19, 19)
        .addComponent(jLabel16)
        .addGap(37, 37, 37)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
          .addComponent(jLabel17)
          .addComponent(faName, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, javax.swing.GroupLayout.PREFERRED SIZE))
        .addGap(18, 18, 18)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
          .addComponent(jLabel18)
          .addComponent(fdob, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, javax.swing.GroupLayout.PREFERRED SIZE))
        .addGap(23, 23, 23)
. add Group (jPanel 1 Layout.create Parallel Group (javax.swing. Group Layout. A lignment. BASELINE) \\
          .addComponent(jLabel20)
          .addComponent(Focc, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
        .addGap(31, 31, 31)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
.addComponent(jLabel21)
          .addComponent(jScrollPane2, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, javax.swing.GroupLayout.PREFERRED SIZE))
        .addGap(18, 18, 18)
        .addComponent(chl)
        .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 36,
Short.MAX_VALUE)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
          .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
            .addComponent(jLabel22)
            .addGap(178, 178, 178))
          .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
jPanel1Layout.createSequentialGroup()
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
              .addComponent(jButton2)
              .addComponent(jButton3))
            .addContainerGap())
          .addGroup(jPanel1Layout.createSequentialGroup()
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
              .addComponent(jLabel23)
              .addComponent(log_id, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, javax.swing.GroupLayout.PREFERRED SIZE))
            .addGap(26, 26, 26)
.addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
              .addComponent(jLabel24)
              .addComponent(pwd, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
            .addContainerGap())))
    );
```

```
jLabel19.setText("DATE-OF-BIRTH");
    javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
    getContentPane().setLayout(layout);
    layout.setHorizontalGroup(
      layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(layout.createSequentialGroup()
        .addGap(23, 23, 23)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
          .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()
            .addGap(0, 0, Short.MAX_VALUE)
            .addComponent(jButton1))
          .addGroup(layout.createSequentialGroup()
            .addGap(10, 10, 10)
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
              .addComponent(jLabel3, javax.swing.GroupLayout.PREFERRED_SIZE, 238,
javax.swing.GroupLayout.PREFERRED SIZE)
              .addComponent(jLabel4)
              .addComponent(jLabel5)
              .addComponent(jLabel6)
              .addComponent(jLabel7)
              .addComponent(jLabel8, javax.swing.GroupLayout.PREFERRED SIZE, 79,
javax.swing.GroupLayout.PREFERRED_SIZE)
              .addComponent(jLabel10)
              .addComponent(jLabel11)
              .addComponent(jLabel14)
              .addComponent(jLabel15)
              .addComponent(jLabel12)
              .addComponent(jLabel9, javax.swing.GroupLayout.PREFERRED_SIZE, 223,
javax.swing.GroupLayout.PREFERRED_SIZE)
```

```
.addComponent(jLabel19))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
javax.swing.GroupLayout.DEFAULT SIZE, Short.MAX VALUE)
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING,
false)
              .addComponent(mn)
              .addComponent(sx)
              .addComponent(occ)
              .addComponent(jScrollPane1, javax.swing.GroupLayout.DEFAULT_SIZE, 222,
Short.MAX_VALUE)
              .addComponent(ct)
              .addComponent(st, 0, javax.swing.GroupLayout.DEFAULT SIZE, Short.MAX VALUE)
              .addComponent(panNo)
              .addComponent(adN)
              .addGroup(layout.createSequentialGroup()
                .addComponent(jLabel13, javax.swing.GroupLayout.PREFERRED_SIZE, 28,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
                .addComponent(phn))
              .addComponent(acntN, javax.swing.GroupLayout.Alignment.TRAILING)
              .addComponent(fn)
              .addComponent(In, javax.swing.GroupLayout.Alignment.TRAILING)
              .addComponent(dob)))
          .addGroup(layout.createSequentialGroup()
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
              .addComponent(jLabel1, javax.swing.GroupLayout.PREFERRED SIZE, 306,
javax.swing.GroupLayout.PREFERRED_SIZE)
              .addGroup(layout.createSequentialGroup()
                .addComponent(jLabel2, javax.swing.GroupLayout.PREFERRED_SIZE, 238,
javax.swing.GroupLayout.PREFERRED_SIZE)
                .addGap(18, 18, 18)
                .addComponent(Typ, javax.swing.GroupLayout.PREFERRED_SIZE, 220,
javax.swing.GroupLayout.PREFERRED SIZE)))
```

```
.addGap(0, 0, Short.MAX_VALUE)))
        .addGap(18, 18, 18)
        .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, javax.swing.GroupLayout.PREFERRED SIZE)
        .addContainerGap(javax.swing.GroupLayout.DEFAULT SIZE, Short.MAX VALUE))
    );
    layout.setVerticalGroup(
      layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
      .addGroup(layout.createSequentialGroup()
        .addGap(18, 18, 18)
        .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
          .addGroup(layout.createSequentialGroup()
            .addGap(0, 0, Short.MAX_VALUE)
            .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, javax.swing.GroupLayout.PREFERRED SIZE))
          .addGroup(layout.createSequentialGroup()
            .addComponent(jLabel1)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
              .addComponent(jLabel2)
              .addComponent(Typ, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
              .addComponent(acntN, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, javax.swing.GroupLayout.PREFERRED SIZE)
              .addComponent(jLabel3))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addComponent(jButton1)
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED, 21,
Short.MAX_VALUE)
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
```

```
.addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
layout.createSequentialGroup()
.addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
                  .addComponent(jLabel4)
                  .addComponent(fn, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
                .addGap(18, 18, 18)
                .addComponent(In, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, javax.swing.GroupLayout.PREFERRED SIZE))
              .addComponent(jLabel5, javax.swing.GroupLayout.Alignment.TRAILING))
            .addGap(24, 24, 24)
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
              .addComponent(mn, javax.swing.GroupLayout.PREFERRED SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
              .addComponent(jLabel6))
            .addGap(18, 18, 18)
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
              .addComponent(dob, javax.swing.GroupLayout.PREFERRED SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
              .addComponent(jLabel19))
            .addGap(27, 27, 27)
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
              .addComponent(jLabel7)
              .addComponent(sx, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, javax.swing.GroupLayout.PREFERRED SIZE))
            .addGap(18, 18, 18)
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
              .addComponent(jLabel8)
              .addComponent(occ, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, javax.swing.GroupLayout.PREFERRED SIZE))
            .addGap(18, 18, 18)
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
              .addComponent(jLabel9)
```

```
.addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 77,
javax.swing.GroupLayout.PREFERRED SIZE))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
              .addComponent(jLabel10)
              .addComponent(ct, javax.swing.GroupLayout.PREFERRED SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
              .addComponent(jLabel11)
              .addComponent(st, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, javax.swing.GroupLayout.PREFERRED SIZE))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.BASELINE)
              .addComponent(jLabel12)
              .addComponent(phn, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, javax.swing.GroupLayout.PREFERRED SIZE)
              .addComponent(jLabel13))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
              .addComponent(panNo, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT SIZE, javax.swing.GroupLayout.PREFERRED SIZE)
              .addComponent(jLabel14))
            .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.UNRELATED)
            .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
              .addComponent(jLabel15)
              .addComponent(adN, javax.swing.GroupLayout.PREFERRED_SIZE,
javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE))))
        .addContainerGap(59, Short.MAX_VALUE))
    );
    pack();
  }// </editor-fold>
```

```
private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
  acntN.setEditable(false);
    Random random = new Random();
    for(int counter=1; counter<=1;counter++)</pre>
    {
      int number = 1+random.nextInt(10000);
      acntN.setText("ABSA"+number);
    }
          // TODO add your handling code here:
}
private void acntNActionPerformed(java.awt.event.ActionEvent evt) {
}
private void acntNFocusGained(java.awt.event.FocusEvent evt) {
 // TODO add your handling code here:
}
private void TypActionPerformed(java.awt.event.ActionEvent evt) {
 // TODO add your handling code here:
}
private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
  String typ = Typ.getText();
  String acnt_no = acntN.getText();
  String date = dob.getText();
  String firstName = fn.getText();
  String midName = mn.getText();
```

```
String lstName = In.getText();
    String sex = sx.getText();
    String occu = occ.getText();
    String address = add.getText();
    String city = ct.getText();
    String state = (String) st.getSelectedItem();
    String phone = phn.getText();
    String panN = panNo.getText();
    String adhrN = adN.getText();
    String fatherName = faName.getText();
    String fdobt = fdob.getText();
    String foccu = Focc.getText();
    String fadd = Fadd.getText();
    String login = log_id.getText();
    String pwdr = new String (pwd.getPassword());
    try
{
  Class.forName("com.mysql.jdbc.Driver");
    Connection con= (Connection)
DriverManager.getConnection("jdbc:mysql://localhost:3306/banking","root","rish");
    Statement stmt=con.createStatement();
    int rs = stmt.executeUpdate("insert into sb apply
values(""+typ+"',""+acnt_no+"',""+date+"',""+firstName+"',""+midName+"',""+lstName+"',""+sex+"',""+
occu+"',""+address+"',""+city+"',""+state+"',""+phone+"',""+panN+"',""+adhrN+"',""+fatherName+"',""+f
dobt+"',"+foccu+"',"+fadd+"',"+login+"',"+pwdr+"');");
int s = JOptionPane.showConfirmDialog(null,"Confirm");
if (s==0)
```

```
{
  JOptionPane.showMessageDialog(null,"Form Successfully Updated");
  this.setVisible(false);
  new Login().setVisible(true);
  JOptionPane.showMessageDialog(null,"Login To Continue");
}
else if (s==1)
{
    JOptionPane.showMessageDialog(null,"Form Cancelled");
}
  int rs1 = stmt.executeUpdate("Insert into login values("+login+"',"+pwdr+"'); ");
}
    catch(Exception E)
    {
      JOptionPane.showMessageDialog(this, E.getMessage());
    }
  }
  private void jButton3ActionPerformed(java.awt.event.ActionEvent evt) {
  }
  private void formFocusGained(java.awt.event.FocusEvent evt) {
```

```
Typ.setEditable(false);
// TODO add your handling code here:
 }
  private void chlActionPerformed(java.awt.event.ActionEvent evt) {
if(chl.isSelected())
    {
      Fadd.setText(add.getText());
    String fadd = Fadd.getText();
    }
    else
    {
    String fadd = Fadd.getText();
    }
         // 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(APPLY_SAV.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
    } catch (InstantiationException ex) {
java.util.logging.Logger.getLogger(APPLY_SAV.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
    } catch (IllegalAccessException ex) {
java.util.logging.Logger.getLogger(APPLY_SAV.class.getName()).log(java.util.logging.Level.SEVERE,
null, ex);
    } catch (javax.swing.UnsupportedLookAndFeelException ex) {
java.util.logging.Logger.getLogger(APPLY_SAV.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 APPLY SAV().setVisible(true);
      }
    });
  }
  // Variables declaration - do not modify
  private javax.swing.JTextArea Fadd;
  private javax.swing.JTextField Focc;
```

```
private javax.swing.JTextField Typ;
private javax.swing.JTextField acntN;
private javax.swing.JTextField adN;
private javax.swing.JTextArea add;
private javax.swing.JCheckBox chl;
private javax.swing.JTextField ct;
private javax.swing.JTextField dob;
private javax.swing.JTextField faName;
private javax.swing.JTextField fdob;
private javax.swing.JTextField fn;
private javax.swing.JButton jButton1;
private javax.swing.JButton jButton2;
private javax.swing.JButton jButton3;
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.JScrollPane jScrollPane1;
private javax.swing.JScrollPane jScrollPane2;
private javax.swing.JTextField In;
private javax.swing.JTextField log_id;
private javax.swing.JTextField mn;
private javax.swing.JTextField occ;
private javax.swing.JTextField panNo;
private javax.swing.JTextField phn;
private javax.swing.JPasswordField pwd;
private javax.swing.JComboBox<String> st;
private javax.swing.JTextField sx;
// End of variables declaration
```

## **DATABASE OUTPUT**

}

```
mysql> select * from login;
+-----+
| login_id | pass |
+-----+
| Bipin | pan |
+-----+
1 row in set (0.00 sec)
```

```
TypeAc: SAVING ACCOUNT
Accnt_No: ABSA7210
D_O_B: 15-8-1994
      FirN: Bipin
      MidN: B
      LasN:
       sex: M
occupation: student
   address: sjdnfsd
city: vellore
state: Tamil Nadu
    phone: 8888888888
    pan_no: ds984
    adhar: 888877774444
     Fname: safsaf
    fdob: 18-1-1975
foccu: basdf
     fadd: sjdnfsd
  login_id: amit
      pass: bha
1 row in set (0.00 sec)
```