```java
 1 package com.mycompany.lifelinebloodbank;
 2
 3 import java.awt.print.PrinterException;
 9
11  * Click nbfs://nbhost/SystemFileSystem/Templates/Licenses/license-default.txt to change
    this license
14
15 /**
16  *
17  * @author hp
18  */
19 public class AdminPage extends javax.swing.JFrame {
20
21     /**
22      * Creates new form AdminPg
23      */
24     public AdminPage() {
25         initComponents();
26     }
27
28     /**
29      * This method is called from within the constructor to initialize the form.
30      * WARNING: Do NOT modify this code. The content of this method is always
31      * regenerated by the Form Editor.
32      */
33     @SuppressWarnings("unchecked")
34     // <editor-fold defaultstate="collapsed" desc="Generated Code">
35     private void initComponents() {
36
37         jPanel2 = new javax.swing.JPanel();
38         buyBlood = new javax.swing.JLabel();
39         jScrollPane1 = new javax.swing.JScrollPane();
40         jTable1 = new javax.swing.JTable();
41         print = new javax.swing.JButton();
42         exit = new javax.swing.JButton();
43         print1 = new javax.swing.JButton();
44
45         setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
46         addComponentListener(new java.awt.event.ComponentAdapter() {
47             public void componentShown(java.awt.event.ComponentEvent evt) {
48                 formComponentShown(evt);
49             }
50         });
51
52         jPanel2.setBackground(new java.awt.Color(74, 31, 61));
53
54         buyBlood.setFont(new java.awt.Font("Tahoma", 1, 24)); // NOI18N
55         buyBlood.setForeground(new java.awt.Color(255, 255, 255));
56         buyBlood.setHorizontalAlignment(javax.swing.SwingConstants.CENTER);
57         buyBlood.setText("Life Line Blood Transactions");
58
59         javax.swing.GroupLayout jPanel2Layout = new javax.swing.GroupLayout(jPanel2);
60         jPanel2.setLayout(jPanel2Layout);
61         jPanel2Layout.setHorizontalGroup(
62             jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
63             .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
    jPanel2Layout.createSequentialGroup()
64                 .addContainerGap(219, Short.MAX_VALUE)
65                 .addComponent(buyBlood, javax.swing.GroupLayout.PREFERRED_SIZE, 399,
    javax.swing.GroupLayout.PREFERRED_SIZE)
66                 .addGap(146, 146, 146))
67         );
```

```java
 68         jPanel2Layout.setVerticalGroup(
 69             jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
 70                 .addComponent(buyBlood, javax.swing.GroupLayout.Alignment.TRAILING,
    javax.swing.GroupLayout.DEFAULT_SIZE, 66, Short.MAX_VALUE)
 71         );
 72
 73         jTable1.setModel(new javax.swing.table.DefaultTableModel(
 74             new Object [][] {
 75                 {null, null, null, null, null, null, null, null, null},
 76                 {null, null, null, null, null, null, null, null, null},
 77                 {null, null, null, null, null, null, null, null, null},
 78                 {null, null, null, null, null, null, null, null, null}
 79             },
 80             new String [] {
 81                 "Donor ID", "First Name", "Last Name", "Gender", "Blood Type", "Haemoglobin
    Level", "Health Check", "Address", "Phone Number"
 82             }
 83         ) {
 84             Class[] types = new Class [] {
 85                 java.lang.Object.class, java.lang.Object.class, java.lang.Object.class,
    java.lang.Object.class, java.lang.Object.class, java.lang.Integer.class,
    java.lang.Object.class, java.lang.Object.class, java.lang.Object.class
 86             };
 87
 88             public Class getColumnClass(int columnIndex) {
 89                 return types [columnIndex];
 90             }
 91         });
 92         jScrollPane1.setViewportView(jTable1);
 93
 94         print.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
 95         print.setText("Print");
 96         print.addActionListener(new java.awt.event.ActionListener() {
 97             public void actionPerformed(java.awt.event.ActionEvent evt) {
 98                 printActionPerformed(evt);
 99             }
100         });
101
102         exit.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
103         exit.setText("Exit");
104         exit.addActionListener(new java.awt.event.ActionListener() {
105             public void actionPerformed(java.awt.event.ActionEvent evt) {
106                 exitActionPerformed(evt);
107             }
108         });
109
110         print1.setFont(new java.awt.Font("Tahoma", 1, 14)); // NOI18N
111         print1.setText("Donors dataset");
112         print1.addActionListener(new java.awt.event.ActionListener() {
113             public void actionPerformed(java.awt.event.ActionEvent evt) {
114                 print1ActionPerformed(evt);
115             }
116         });
117
118         javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane());
119         getContentPane().setLayout(layout);
120         layout.setHorizontalGroup(
121             layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
122                 .addComponent(jPanel2, javax.swing.GroupLayout.DEFAULT_SIZE,
    javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
123                 .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
    layout.createSequentialGroup()
```

```
124                     .addContainerGap()
125                     .addComponent(jScrollPane1)
126                     .addContainerGap())
127                 .addGroup(layout.createSequentialGroup()
128                     .addGap(62, 62, 62)
129                     .addComponent(print, javax.swing.GroupLayout.PREFERRED_SIZE, 73,
        javax.swing.GroupLayout.PREFERRED_SIZE)
130                     .addGap(38, 38, 38)
131                     .addComponent(print1)
132                     .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
        javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
133                     .addComponent(exit, javax.swing.GroupLayout.PREFERRED_SIZE, 73,
        javax.swing.GroupLayout.PREFERRED_SIZE)
134                     .addGap(56, 56, 56))
135             );
136         layout.setVerticalGroup(
137             layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
138             .addGroup(layout.createSequentialGroup()
139                 .addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE,
        javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.GroupLayout.PREFERRED_SIZE)
140                 .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED,
        javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
141                 .addComponent(jScrollPane1, javax.swing.GroupLayout.PREFERRED_SIZE, 264,
        javax.swing.GroupLayout.PREFERRED_SIZE)
142                 .addGap(18, 18, 18)
143                 .addGroup(layout.createParallelGroup
        (javax.swing.GroupLayout.Alignment.BASELINE)
144                     .addComponent(print)
145                     .addComponent(exit)
146                     .addComponent(print1))
147                 .addGap(23, 23, 23))
148         );
149
150         pack();
151     }// </editor-fold>
152
153     private void formComponentShown(java.awt.event.ComponentEvent evt) {
154         // TODO add your handling code here:
155     }
156
157     private void printActionPerformed(java.awt.event.ActionEvent evt) {
158         //        // TODO add your handling code here:
159             try{
160                     jTable1.print(JTable.PrintMode.FIT_WIDTH);
161                 } catch(PrinterException e){
162                     JOptionPane.showMessageDialog(null,e);
163                 }
164
165         //
166     }
167
168     private void exitActionPerformed(java.awt.event.ActionEvent evt) {
169         //        // TODO add your handling code here:
170             setVisible(false);
171     }
172
173     private void print1ActionPerformed(java.awt.event.ActionEvent evt) {
174         // TODO add your handling code here:
175
176         try {
177             final String JDBC_DRIVER = "com.mysql.cj.jdbc.Driver";
178             final String DB_URL = "jdbc:mysql://localhost:3306/lifelinebloodbank?
```

```java
            autoReconnect=true&useSSL=false";
179             final String user = "root";
180             final String password = "Mysql@123";
181             String query;
182             try {
183                 Class.forName(JDBC_DRIVER);
184             }catch(Exception e) {
185                 JOptionPane.showConfirmDialog(null, e);
186             }
187             Connection con = null;
188             con = DriverManager.getConnection(DB_URL,user,password);
189             Statement st = con.createStatement();
190             ResultSet rs = st.executeQuery("select * from donor;");
191             int i =0;
192             String id,fname,lname,gender,donorBloodType,hb,healthCheck,address,phno;
193             while(rs.next()){
194                 //data will be added until finish
195                  id = rs.getString("DonorID");
196 //              String id = String.valueOf(rs.getString("Donor ID"));
197                  fname = rs.getString("Fname");
198                  lname = rs.getString("Lname");
199                  gender = rs.getString("Gender");
200                  donorBloodType = rs.getString("DonorBloodType");
201                  hb = rs.getString("HBLevel");
202                  healthCheck = rs.getString("healthCheck");
203                  address = rs.getString("donorAddress");
204                  phno = rs.getString("phno");
205                 //string array for storing the data into jtable
206                 String tbData[] =
    {id,fname,lname,gender,donorBloodType,hb,healthCheck,address,phno};
207                 DefaultTableModel tblModel = (DefaultTableModel)jTable1.getModel();
208                 //add string array data into jtable
209                 tblModel.addRow(tbData);
210
211             }
212             con.close();
213         } catch (SQLException e) {
214             JOptionPane.showMessageDialog(null, e);
215         }
216
217     }
218
219     /**
220      * @param args the command line arguments
221      */
222     public static void run() {
223         /* Set the Nimbus look and feel */
224         //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code
    (optional) ">
225         /* If Nimbus (introduced in Java SE 6) is not available, stay with the default look
    and feel.
226          * For details see
    http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
227          */
228         try {
229             for (javax.swing.UIManager.LookAndFeelInfo info :
    javax.swing.UIManager.getInstalledLookAndFeels()) {
230                 if ("Nimbus".equals(info.getName())) {
231                     javax.swing.UIManager.setLookAndFeel(info.getClassName());
232                     break;
233                 }
234             }
```

```java
235            } catch (ClassNotFoundException ex) {
236                java.util.logging.Logger.getLogger(AdminPage.class.getName()).log
       (java.util.logging.Level.SEVERE, null, ex);
237            } catch (InstantiationException ex) {
238                java.util.logging.Logger.getLogger(AdminPage.class.getName()).log
       (java.util.logging.Level.SEVERE, null, ex);
239            } catch (IllegalAccessException ex) {
240                java.util.logging.Logger.getLogger(AdminPage.class.getName()).log
       (java.util.logging.Level.SEVERE, null, ex);
241            } catch (javax.swing.UnsupportedLookAndFeelException ex) {
242                java.util.logging.Logger.getLogger(AdminPage.class.getName()).log
       (java.util.logging.Level.SEVERE, null, ex);
243            }
244            //</editor-fold>
245
246            /* Create and display the form */
247            java.awt.EventQueue.invokeLater(new Runnable() {
248                public void run() {
249                    new AdminPage().setVisible(true);
250                }
251            });
252        }
253
254        // Variables declaration - do not modify
255        private javax.swing.JLabel buyBlood;
256        private javax.swing.JButton exit;
257        private javax.swing.JPanel jPanel2;
258        private javax.swing.JScrollPane jScrollPane1;
259        private javax.swing.JTable jTable1;
260        private javax.swing.JButton print;
261        private javax.swing.JButton print1;
262        // End of variables declaration
263 }
264
```