

```

1  package vista;
2
3  import java.awt.HeadlessException;
4  import java.sql.Connection;
5  import java.sql.PreparedStatement;
6  import java.sql.ResultSet;
7  import java.sql.SQLException;
8  import java.util.ArrayList;
9  import javax.swing.JOptionPane;
10 import javax.swing.table.DefaultTableModel;
11 import modelo.ConecBD;
12 import modelo.Vehiculo;
13
14 /**
15  *
16  * @author JUANCARLOS
17  */
18 public class V_Imprimir extends javax.swing.JFrame{
19     ConecBD con=new ConecBD();
20     Vehiculo car=new Vehiculo();
21
22     public V_Imprimir() {
23         initComponents();
24         con.conectar();
25     }
26
27
28     @SuppressWarnings("unchecked")
29     // <editor-fold defaultstate="collapsed" desc="Generated
30     Code"> //GEN-BEGIN: initComponents
31     private void initComponents() {
32
33         jPanel1 = new javax.swing.JPanel();
34         imprimir = new javax.swing.JButton();
35         jScrollPane2 = new javax.swing.JScrollPane();
36         tabla = new javax.swing.JTable();
37
38         setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);
39         setTitle("Imprimir Vehículos");
40         setResizable(false);
41         addWindowListener(new java.awt.event.WindowAdapter() {
42             public void windowClosed(java.awt.event.WindowEvent evt) {
43                 formWindowClosed(evt);
44             }
45         });
46
47         imprimir.setText("Imprimir");
48         imprimir.addActionListener(new java.awt.event.ActionListener() {
49             public void actionPerformed(java.awt.event.ActionEvent evt) {
50                 imprimirActionPerformed(evt);
51             }
52         });
53
54         tabla.setModel(new javax.swing.table.DefaultTableModel(
55             new Object [][] {
56

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57         new String [] {
58             "PLACA", "MARCA", "MODELO"
59         }
60     });
61     jScrollPane2.setViewportViewView(tabla);
62
63     javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
64     jPanel1.setLayout(jPanel1Layout);
65     jPanel1Layout.setHorizontalGroup(
66         jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.
        LEADING)
67         .addGroup(jPanel1Layout.createSequentialGroup()
68             .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.
        Alignment.LEADING)
69                 .addGroup(jPanel1Layout.createSequentialGroup()
70                     .addContainerGap()
71                     .addComponent(jScrollPane2, javax.swing.GroupLayout.
        PREFERRED_SIZE, 549, javax.swing.GroupLayout.PREFERRED_SIZE))
72                 .addGroup(jPanel1Layout.createSequentialGroup()
73                     .addGap(240, 240, 240)
74                     .addComponent(imprimir)))
75             .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.
        MAX_VALUE))
76     );
77     jPanel1Layout.setVerticalGroup(
78         jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.
        LEADING)
79         .addGroup(jPanel1Layout.createSequentialGroup()
80             .addGap(7, 7, 7)
81             .addComponent(imprimir)
82             .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
83             .addComponent(jScrollPane2, javax.swing.GroupLayout.DEFAULT_SIZE, 303
        , Short.MAX_VALUE)
84             .addContainerGap())
85     );
86
87     javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane
        ());
88     getContentPane().setLayout(layout);
89     layout.setHorizontalGroup(
90         layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
91         .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.
        GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
92     );
93     layout.setVerticalGroup(
94         layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
95         .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.
        GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
96     );
97
98     pack();
99     setLocationRelativeTo(null);
100 } // </editor-fold> // GEN-END: initComponents
101
102 private void imprimirActionPerformed(java.awt.event.ActionEvent evt) {
103     // GEN-FIRST:event_imprimirActionPerformed
104     ArrayList <Vehiculo> autos = new ArrayList <Vehiculo> ();

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104      Connection r=con.getConnection();
105
106      try{
107          String sql="SELECT placa,marca,modelo FROM vehiculo";
108          PreparedStatement pstm = r.prepareStatement(sql);
109          ResultSet rs = pstm.executeQuery();
110
111          while(rs.next()){
112              car= new Vehiculo();
113              car.setPlaca(rs.getString("placa"));
114              car.setMarca(rs.getString("marca"));
115              car.setModelo(rs.getInt("modelo"));
116              autos.add(car);
117          }
118      }catch(SQLException | NullPointerException ex){
119          JOptionPane.showMessageDialog(this,"ERROR EN LA CONSULTA A BASE DE DATOS",
120              "ERROR DE CONSULTA",JOptionPane.ERROR_MESSAGE);
121      }
122
123      try{
124          DefaultTableModel filas=(DefaultTableModel) tabla.getModel();
125          for (int i = 0; i < autos.size(); i++){
126              filas.addRow(new Object[]{autos.get(i).getPlaca(),autos.get(i).getMarca(),
127                  autos.get(i).getModelo()});
128          }
129      }catch(HeadlessException | NullPointerException ex){
130      }
131
132      //GEN-LAST:event_imprimirActionPerformed
133
134      private void formWindowClosed(java.awt.event.WindowEvent evt) {
135          //GEN-FIRST:event_formWindowClosed
136
137          try{
138              con.desconectar();
139          }catch(HeadlessException | NullPointerException ex){
140          }
141      }
142      //GEN-LAST:event_formWindowClosed
143
144      /**
145       * @param args the command line arguments
146       */
147
148      public static void main(String args[]) {
149          /* Set the Nimbus look and feel */
150          //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code
151              (optional) ">
152          /* If Nimbus (introduced in Java SE 6) is not available, stay with the
153              default look and feel.
154              * For details see
155              http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
156              */
157          try {
158              for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.
159                  getInstalledLookAndFeels()) {
160                  if ("Nimbus".equals(info.getName())) {
161                      javax.swing.UIManager.setLookAndFeel(info.getClassName());
162                      break;
163                  }
164              }
165          }
166      }
167  
```

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154     }
155     } catch (ClassNotFoundException ex) {
156         java.util.logging.Logger.getLogger(V_Imprimir.class.getName()).log(java.
            util.logging.Level.SEVERE, null, ex);
157     } catch (InstantiationException ex) {
158         java.util.logging.Logger.getLogger(V_Imprimir.class.getName()).log(java.
            util.logging.Level.SEVERE, null, ex);
159     } catch (IllegalAccessException ex) {
160         java.util.logging.Logger.getLogger(V_Imprimir.class.getName()).log(java.
            util.logging.Level.SEVERE, null, ex);
161     } catch (javax.swing.UnsupportedLookAndFeelException ex) {
162         java.util.logging.Logger.getLogger(V_Imprimir.class.getName()).log(java.
            util.logging.Level.SEVERE, null, ex);
163     }
164     //</editor-fold>
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195     //</editor-fold>
196
197     /* Create and display the form */
198     java.awt.EventQueue.invokeLater(new Runnable() {
199         public void run() {
200             new V_Imprimir().setVisible(true);
201         }
202     });
203 }
204
205 // Variables declaration - do not modify//GEN-BEGIN:variables
206 private javax.swing.JButton imprimir;

```

```
207     private javax.swing.JPanel jPanel1;  
208     private javax.swing.JScrollPane jScrollPane2;  
209     private javax.swing.JTable tabla;  
210     // End of variables declaration//GEN-END:variables  
211 }  
212
```