```java
1    package vista;
2
3    import java.awt.HeadlessException;
4    import java.sql.Connection;
5    import java.sql.PreparedStatement;
6    import java.sql.SQLException;
7    import javax.swing.JOptionPane;
8    import modelo.ConecBD;
9
10
11   /**
12    *
13    * @author JUANCARLOS
14    */
15   public class V_Ins_Auto extends javax.swing.JFrame {
16       ConecBD con=new ConecBD();
17
18       public V_Ins_Auto() {
19           initComponents();
20           con.conectar();
21       }
22
23       /**
24        * This method is called from within the constructor to initialize the form.
25        * WARNING: Do NOT modify this code. The content of this method is always
26        * regenerated by the Form Editor.
27        */
28       @SuppressWarnings("unchecked")
29       // <editor-fold defaultstate="collapsed" desc="Generated
         Code">//GEN-BEGIN:initComponents
30       private void initComponents() {
31
32           jPanel1 = new javax.swing.JPanel();
33           jLabel1 = new javax.swing.JLabel();
34           jLabel2 = new javax.swing.JLabel();
35           jLabel3 = new javax.swing.JLabel();
36           v_marca = new javax.swing.JComboBox();
37           v_modelo = new javax.swing.JTextField();
38           btn_Guardar = new javax.swing.JButton();
39           v_placa = new javax.swing.JFormattedTextField();
40
41           setDefaultCloseOperation(javax.swing.WindowConstants.DISPOSE_ON_CLOSE);
42           setTitle("INSERTAR NUEVO AUTOMOVIL");
43           setModalExclusionType(java.awt.Dialog.ModalExclusionType.APPLICATION_EXCLUDE);
44           setResizable(false);
45           addWindowListener(new java.awt.event.WindowAdapter() {
46               public void windowClosed(java.awt.event.WindowEvent evt) {
47                   formWindowClosed(evt);
48               }
49           });
50
51           jLabel1.setText("PLACA:");
52
53           jLabel2.setText("MARCA:");
54
55           jLabel3.setText("MODELO:");
56
```

```
57          v_marca.setEditable(true);
58          v_marca.setFont(new java.awt.Font("Tahoma", 0, 14)); // NOI18N
59          v_marca.setModel(new javax.swing.DefaultComboBoxModel(new String[] {
            "Chevrolet", "Mazda", "Renault", "KIA", "Volkswagen", "Mitsubishi", "Nissan",
            "Peugeot", "BMW", "Citroën", "Mercedes-Benz", "Daihatsu", "Dodge", "Ford",
            "Fiat", "Honda", "Jeep", "Skoda", "Subaru", "Porshe", "SsangYong" }));
60
61          v_modelo.setFont(new java.awt.Font("Tahoma", 0, 36)); // NOI18N
62          v_modelo.addActionListener(new java.awt.event.ActionListener() {
63              public void actionPerformed(java.awt.event.ActionEvent evt) {
64                  v_modeloActionPerformed(evt);
65              }
66          });
67
68          btn_Guardar.setText("GUARDAR");
69          btn_Guardar.addActionListener(new java.awt.event.ActionListener() {
70              public void actionPerformed(java.awt.event.ActionEvent evt) {
71                  btn_GuardarActionPerformed(evt);
72              }
73          });
74
75          v_placa.setColumns(7);
76          v_placa.setFont(new java.awt.Font("Tahoma", 0, 36)); // NOI18N
77
78          javax.swing.GroupLayout jPanel1Layout = new javax.swing.GroupLayout(jPanel1);
79          jPanel1.setLayout(jPanel1Layout);
80          jPanel1Layout.setHorizontalGroup(
81              jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.
                LEADING)
82              .addGroup(jPanel1Layout.createSequentialGroup()
83                  .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.
                    Alignment.LEADING)
84                      .addGroup(jPanel1Layout.createParallelGroup(javax.swing.
                        GroupLayout.Alignment.LEADING)
85                          .addGroup(jPanel1Layout.createSequentialGroup()
86                              .addGap(26, 26, 26)
87                              .addComponent(jLabel3))
88                          .addComponent(jLabel2, javax.swing.GroupLayout.Alignment.
                            TRAILING))
89                      .addComponent(jLabel1, javax.swing.GroupLayout.Alignment.TRAILING
                        ))
90                  .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.RELATED)
91                  .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.
                    Alignment.LEADING, false)
92                      .addComponent(v_marca, 0, javax.swing.GroupLayout.DEFAULT_SIZE,
                        Short.MAX_VALUE)
93                      .addComponent(v_modelo)
94                      .addComponent(v_placa))
95                  .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE, Short.
                    MAX_VALUE))
96              .addGroup(javax.swing.GroupLayout.Alignment.TRAILING, jPanel1Layout.
                createSequentialGroup()
97                  .addContainerGap(108, Short.MAX_VALUE)
98                  .addComponent(btn_Guardar, javax.swing.GroupLayout.PREFERRED_SIZE,
                    113, javax.swing.GroupLayout.PREFERRED_SIZE)
99                  .addGap(107, 107, 107))
100         );
```

```
101            jPanel1Layout.setVerticalGroup(
102                jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.
                   LEADING)
103                .addGroup(jPanel1Layout.createSequentialGroup()
104                    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.
                       Alignment.LEADING)
105                        .addGroup(jPanel1Layout.createSequentialGroup()
106                            .addGap(18, 18, 18)
107                            .addComponent(v_placa, javax.swing.GroupLayout.PREFERRED_SIZE
                               , 50, javax.swing.GroupLayout.PREFERRED_SIZE))
108                        .addGroup(jPanel1Layout.createSequentialGroup()
109                            .addGap(33, 33, 33)
110                            .addComponent(jLabel1)))
111                    .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.
                       Alignment.LEADING)
112                        .addGroup(jPanel1Layout.createSequentialGroup()
113                            .addGap(36, 36, 36)
114                            .addComponent(jLabel2)
115                            .addGap(68, 68, 68)
116                            .addComponent(jLabel3))
117                        .addGroup(jPanel1Layout.createSequentialGroup()
118                            .addGap(15, 15, 15)
119                            .addComponent(v_marca, javax.swing.GroupLayout.PREFERRED_SIZE
                               , 72, javax.swing.GroupLayout.PREFERRED_SIZE)
120                            .addGap(18, 18, 18)
121                            .addComponent(v_modelo, javax.swing.GroupLayout.
                               PREFERRED_SIZE, javax.swing.GroupLayout.DEFAULT_SIZE, javax.
                               swing.GroupLayout.PREFERRED_SIZE)))
122                    .addGap(18, 18, 18)
123                    .addComponent(btn_Guardar, javax.swing.GroupLayout.DEFAULT_SIZE, 51,
                       Short.MAX_VALUE)
124                    .addContainerGap())
125            );
126
127            javax.swing.GroupLayout layout = new javax.swing.GroupLayout(getContentPane
                   ());
128            getContentPane().setLayout(layout);
129            layout.setHorizontalGroup(
130                layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
131                .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.
                   GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
132            );
133            layout.setVerticalGroup(
134                layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
135                .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE, javax.swing.
                   GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
136            );
137
138            pack();
139            setLocationRelativeTo(null);
140        }// </editor-fold>//GEN-END:initComponents
141
142        private void v_modeloActionPerformed(java.awt.event.ActionEvent evt) {
           //GEN-FIRST:event_v_modeloActionPerformed
143            // TODO add your handling code here:
144        }//GEN-LAST:event_v_modeloActionPerformed
145
```

```java
146      private void btn_GuardarActionPerformed(java.awt.event.ActionEvent evt) {
         //GEN-FIRST:event_btn_GuardarActionPerformed
147          if(!(v_placa.getText().equals("") && v_marca.getSelectedIndex()!=-1 &&
             v_modelo.getText().equals(""))){
148              try{
149              Connection r=con.getConexion();
150              String sql="insert into vehiculo (placa,marca,modelo) values (?,?,?)";

151              PreparedStatement ps;
152              ps=r.prepareStatement(sql);
153              ps.setString(1,v_placa.getText());
154              ps.setString(2, (String) v_marca.getSelectedItem());
155              ps.setInt(3,Integer.parseInt(v_modelo.getText()));
156              ps.execute();
157              JOptionPane.showMessageDialog(null,"REGISTRO GUARDADO EXITOSAMENTE",
                 "INSERTAR",JOptionPane.INFORMATION_MESSAGE);
158              v_placa.setText("");v_modelo.setText("");
159              }catch(SQLException | HeadlessException | NullPointerException ex){
160              JOptionPane.showMessageDialog(null,"IMPOSIBLE ALMACENAR REGISTRO \n"+ex,
                 "INSERTAR",JOptionPane.ERROR_MESSAGE);
161              }
162
163          }else
164          JOptionPane.showMessageDialog(this,"DEBE DILIGENCIAR TODOS LOS DATOS DEL
             FORMULARIO","ERROR INGRESO DE DATOS",JOptionPane.ERROR_MESSAGE);
165      }//GEN-LAST:event_btn_GuardarActionPerformed
166
167      private void formWindowClosed(java.awt.event.WindowEvent evt) {
         //GEN-FIRST:event_formWindowClosed
168          try{
169          con.desconectar();
170          }catch(HeadlessException | NullPointerException ex){
171          }
172      }//GEN-LAST:event_formWindowClosed
173
174      /**
175       * @param args the command line arguments
176       */
177      public static void main(String args[]) {
178          /* Set the Nimbus look and feel */
179          //<editor-fold defaultstate="collapsed" desc=" Look and feel setting code
             (optional) ">
180          /* If Nimbus (introduced in Java SE 6) is not available, stay with the
             default look and feel.
181           * For details see
             http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html
182           */
183          try {
184              for (javax.swing.UIManager.LookAndFeelInfo info : javax.swing.UIManager.
                 getInstalledLookAndFeels()) {
185                  if ("Nimbus".equals(info.getName())) {
186                      javax.swing.UIManager.setLookAndFeel(info.getClassName());
187                      break;
188                  }
189              }
190          } catch (ClassNotFoundException ex) {
191              java.util.logging.Logger.getLogger(V_Ins_Auto.class.getName()).log(java.
```

```java
                     util.logging.Level.SEVERE, null, ex);
192          } catch (InstantiationException ex) {
193              java.util.logging.Logger.getLogger(V_Ins_Auto.class.getName()).log(java.
                     util.logging.Level.SEVERE, null, ex);
194          } catch (IllegalAccessException ex) {
195              java.util.logging.Logger.getLogger(V_Ins_Auto.class.getName()).log(java.
                     util.logging.Level.SEVERE, null, ex);
196          } catch (javax.swing.UnsupportedLookAndFeelException ex) {
197              java.util.logging.Logger.getLogger(V_Ins_Auto.class.getName()).log(java.
                     util.logging.Level.SEVERE, null, ex);
198          }
199          //</editor-fold>
200          //</editor-fold>
201          //</editor-fold>
202          //</editor-fold>
203
204          /* Create and display the form */
205          java.awt.EventQueue.invokeLater(new Runnable() {
206              public void run() {
207                  new V_Ins_Auto().setVisible(true);
208              }
209          });
210      }
211
212      // Variables declaration - do not modify//GEN-BEGIN:variables
213      private javax.swing.JButton btn_Guardar;
214      private javax.swing.JLabel jLabel1;
215      private javax.swing.JLabel jLabel2;
216      private javax.swing.JLabel jLabel3;
217      private javax.swing.JPanel jPanel1;
218      private javax.swing.JComboBox v_marca;
219      private javax.swing.JTextField v_modelo;
220      private javax.swing.JFormattedTextField v_placa;
221      // End of variables declaration//GEN-END:variables
222 }
223
```