

Code:

```

1 package medinventory;
2
3 import java.awt.event.KeyEvent;
4 import java.sql.*;
5 import java.util.logging.Level;
6 import java.util.logging.Logger;
7 import java.sql.ResultSet;
8 import java.util.HashMap;
9 import javax.swing.JOptionPane;
10 import javax.swing.table.DefaultTableModel;
11 import net.sf.jasperreports.engine.JRException;
12 import net.sf.jasperreports.engine.JasperCompileManager;
13 import net.sf.jasperreports.engine.JasperFillManager;
14 import net.sf.jasperreports.engine.JasperPrint;
15 import net.sf.jasperreports.engine.JasperReport;
16 import net.sf.jasperreports.engine.design.JasperDesign;
17 import net.sf.jasperreports.engine.xml.JRXmlLoader;
18 import net.sf.jasperreports.view.JasperViewer;
19
20 /**
21  *
22  * @author Manas
23  */
24 public class medinventory extends javax.swing.JFrame {
25
26     /**
27      * Creates new form medinventory
28      */
29     public medinventory() {
30         initComponents();
31         Connect();
32     }
33
34     static Connection con;
35     PreparedStatement pst;
36     PreparedStatement pst1;
37     ResultSet rs;
38     DefaultTableModel df;
39
40     public static void Connect() {
41         try {
42             // Class.forName("com.mysql.jdbc.Driver");
43             con =
44 ↵ DriverManager.getConnection("jdbc:mysql://sql.freedb.tech/freedb_pharma",
45                                "freedb_pharma-user",
46                                "Atm8Hp#THdhN3gm");
47         } catch (SQLException ex) {
48             Logger.getLogger(medinventory.class.getName()).log(Level.SEVERE,
49 ↵ null, ex);
50         }
51     }
52
53     public void sales() throws SQLException {
54         String totalcost = txttcost.getText();
55         String pay = txtpay.getText();
56         String bal = txtbal.getText();
57     }
58 }

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56     int lastid = 0;
57     String query = "insert into sales(subtotal,pay,bal)values(?,?,?)";
58     pst = con.prepareStatement(query, Statement.RETURN_GENERATED_KEYS);
59     pst.setString(1, totalcost);
60     pst.setString(2, pay);
61     pst.setString(3, bal);
62     pst.executeUpdate();
63     rs = pst.getGeneratedKeys();
64
65     if (rs.next()) {
66         lastid = rs.getInt(1);
67     }
68
69     String query1 = "insert into
70     ↪ sales_product(sales_id,drugname,price,qty,total)values(?,?,?,?,?)";
71     pst1 = con.prepareStatement(query1);
72
73     String drugname;
74     String price;
75     String qty;
76     int total;
77
78     for (int i = 0; i < jTable1.getRowCount(); i++) {
79         drugname = (String) jTable1.getValueAt(i, 0);
80         price = (String) jTable1.getValueAt(i, 1);
81         qty = (String) jTable1.getValueAt(i, 2);
82         total = (int) jTable1.getValueAt(i, 3);
83
84         pst1.setInt(1, lastid);
85         pst1.setString(2, drugname);
86         pst1.setString(3, price);
87         pst1.setString(4, qty);
88         pst1.setInt(5, total);
89         pst1.executeUpdate();
90     }
91     JOptionPane.showMessageDialog(this, "Successful");
92     HashMap a = new HashMap();
93     a.put("invo", lastid);
94
95     try {
96         JasperDesign jdesign =
97             JRXmlLoader.load("./report1.jrxml");
98         JasperReport jreport = JasperCompileManager.compileReport(jdesign);
99
100         JasperPrint jprint = JasperFillManager.fillReport(jreport, a, con);
101         JasperViewer.viewReport(jprint);
102     } catch (JRException ex) {
103         Logger.getLogger(medinventory.class.getName()).log(Level.SEVERE,
104             ↪ null, ex);
105     }
106
107     /**
108     * This method is called from within the constructor to initialize the form.
109     * WARNING: Do NOT modify this code. The content of this method is always
110     * regenerated by the Form Editor.
111     */
112     @SuppressWarnings("unchecked")

```

```

113 // <editor-fold defaultstate="collapsed" desc="Generated Code">
114 ↵
115 private void initComponents() {
116     jPanel1 = new javax.swing.JPanel();
117     jLabel1 = new javax.swing.JLabel();
118     jPanel2 = new javax.swing.JPanel();
119     jLabel2 = new javax.swing.JLabel();
120     jLabel3 = new javax.swing.JLabel();
121     jLabel4 = new javax.swing.JLabel();
122     txtcode = new javax.swing.JTextField();
123     txtlname = new javax.swing.JTextField();
124     txtqty = new javax.swing.JSpinner();
125     jLabel5 = new javax.swing.JLabel();
126     jLabel6 = new javax.swing.JLabel();
127     jLabel7 = new javax.swing.JLabel();
128     txttcost = new javax.swing.JTextField();
129     txtbal = new javax.swing.JTextField();
130     txtpay = new javax.swing.JTextField();
131     jButton1 = new javax.swing.JButton();
132     jLabel8 = new javax.swing.JLabel();
133     txtprice = new javax.swing.JTextField();
134     jScrollPane1 = new javax.swing.JScrollPane();
135     jTable1 = new javax.swing.JTable();
136     jButton2 = new javax.swing.JButton();
137
138     setDefaultCloseOperation(javax.swing.WindowConstants.EXIT_ON_CLOSE);
139
140     jPanel1.setBackground(new java.awt.Color(86, 196, 195));
141
142     jLabel1.setFont(new java.awt.Font("Segoe UI", 1, 24)); // NOI18N
143     jLabel1.setForeground(new java.awt.Color(242, 242, 242));
144     jLabel1.setText("Pharmacy Inventory Management System");
145
146     javax.swing.GroupLayout jPanel1Layout = new
147 ↵ javax.swing.GroupLayout(jPanel1);
148     jPanel1.setLayout(jPanel1Layout);
149     jPanel1Layout.setHorizontalGroup(
150 ↵ jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
151         .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
152             .addGroup(jPanel1Layout.createSequentialGroup()
153                 .addContainerGap()
154                 .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
155                     .addComponent(jLabel1)
156                     .addGap(209, 209, 209))
157                 .addGap(19, 19, 19)
158                 .addComponent(jLabel2)
159                 .addContainerGap(30, Short.MAX_VALUE))
160             .addGroup(jPanel1Layout.createSequentialGroup()
161                 .addContainerGap()
162                 .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
163                     .addComponent(jLabel3)
164                     .addGap(209, 209, 209))
165                 .addGap(19, 19, 19)
166                 .addComponent(jLabel4)
167                 .addContainerGap(30, Short.MAX_VALUE))
168             .addGroup(jPanel1Layout.createSequentialGroup()
169                 .addContainerGap()
170                 .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
171                     .addComponent(txtcode)
172                     .addGap(209, 209, 209))
173                 .addGap(19, 19, 19)
174                 .addComponent(txtlname)
175                 .addContainerGap(30, Short.MAX_VALUE))
176             .addGroup(jPanel1Layout.createSequentialGroup()
177                 .addContainerGap()
178                 .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
179                     .addComponent(txtqty)
180                     .addGap(209, 209, 209))
181                 .addGap(19, 19, 19)
182                 .addComponent(jLabel5)
183                 .addContainerGap(30, Short.MAX_VALUE))
184             .addGroup(jPanel1Layout.createSequentialGroup()
185                 .addContainerGap()
186                 .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
187                     .addComponent(txttcost)
188                     .addGap(209, 209, 209))
189                 .addGap(19, 19, 19)
190                 .addComponent(txtbal)
191                 .addContainerGap(30, Short.MAX_VALUE))
192             .addGroup(jPanel1Layout.createSequentialGroup()
193                 .addContainerGap()
194                 .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
195                     .addComponent(txtpay)
196                     .addGap(209, 209, 209))
197                 .addGap(19, 19, 19)
198                 .addComponent(jButton1)
199                 .addContainerGap(30, Short.MAX_VALUE))
200             .addGroup(jPanel1Layout.createSequentialGroup()
201                 .addContainerGap()
202                 .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
203                     .addComponent(jLabel8)
204                     .addGap(209, 209, 209))
205                 .addGap(19, 19, 19)
206                 .addComponent(txtprice)
207                 .addContainerGap(30, Short.MAX_VALUE))
208             .addGroup(jPanel1Layout.createSequentialGroup()
209                 .addContainerGap()
210                 .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
211                     .addComponent(jScrollPane1)
212                     .addGap(209, 209, 209))
213                 .addGap(19, 19, 19)
214                 .addComponent(jButton2)
215                 .addContainerGap(30, Short.MAX_VALUE))
216         )
217     );
218     jPanel1Layout.setVerticalGroup(
219 ↵ jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
220         .addGroup(jPanel1Layout.createSequentialGroup()
221             .addContainerGap()
222             .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
223                 .addComponent(jLabel1)
224                 .addGap(209, 209, 209))
225             .addGap(19, 19, 19)
226             .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
227                 .addComponent(jLabel2)
228                 .addGap(209, 209, 209))
229             .addGap(19, 19, 19)
230             .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
231                 .addComponent(txtcode)
232                 .addGap(209, 209, 209))
233             .addGap(19, 19, 19)
234             .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
235                 .addComponent(txtlname)
236                 .addGap(209, 209, 209))
237             .addGap(19, 19, 19)
238             .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
239                 .addComponent(txtqty)
240                 .addGap(209, 209, 209))
241             .addGap(19, 19, 19)
242             .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
243                 .addComponent(jLabel5)
244                 .addGap(209, 209, 209))
245             .addGap(19, 19, 19)
246             .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
247                 .addComponent(txttcost)
248                 .addGap(209, 209, 209))
249             .addGap(19, 19, 19)
250             .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
251                 .addComponent(txtbal)
252                 .addGap(209, 209, 209))
253             .addGap(19, 19, 19)
254             .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
255                 .addComponent(txtpay)
256                 .addGap(209, 209, 209))
257             .addGap(19, 19, 19)
258             .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
259                 .addComponent(jButton1)
260                 .addGap(209, 209, 209))
261             .addGap(19, 19, 19)
262             .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
263                 .addComponent(jLabel8)
264                 .addGap(209, 209, 209))
265             .addGap(19, 19, 19)
266             .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
267                 .addComponent(txtprice)
268                 .addGap(209, 209, 209))
269             .addGap(19, 19, 19)
270             .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
271                 .addComponent(jScrollPane1)
272                 .addGap(209, 209, 209))
273             .addGap(19, 19, 19)
274             .addComponent(jButton2)
275             .addContainerGap(209, Short.MAX_VALUE))
276         )
277     );
278 }
279
280 // </editor-fold>

```

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165 jLabel2.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
166 jLabel2.setText("Drug Code");
167
168 jLabel3.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
169 jLabel3.setText("Drug Name");
170
171 jLabel4.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
172 jLabel4.setText("Qty");
173
174 txtddcode.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
175 txtddcode.addActionListener(new java.awt.event.ActionListener() {
176     public void actionPerformed(java.awt.event.ActionEvent evt) {
177         txtddcodeActionPerformed(evt);
178     }
179 });
180 txtddcode.addKeyListener(new java.awt.event.KeyAdapter() {
181     public void keyPressed(java.awt.event.KeyEvent evt) {
182         txtddcodeKeyPressed(evt);
183     }
184 });
185
186 txtddname.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
187
188 txtqty.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
189
190 jLabel5.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
191 jLabel5.setText("Total Cost");
192
193 jLabel6.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
194 jLabel6.setText("Payment");
195
196 jLabel7.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
197 jLabel7.setText("Balance");
198
199 txtttcost.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
200 txtttcost.addActionListener(new java.awt.event.ActionListener() {
201     public void actionPerformed(java.awt.event.ActionEvent evt) {
202         txtttcostActionPerformed(evt);
203     }
204 });
205
206 txttbal.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
207 txttbal.addActionListener(new java.awt.event.ActionListener() {
208     public void actionPerformed(java.awt.event.ActionEvent evt) {
209         txttbalActionPerformed(evt);
210     }
211 });
212
213 txttpay.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
214 txttpay.addActionListener(new java.awt.event.ActionListener() {
215     public void actionPerformed(java.awt.event.ActionEvent evt) {
216         txttpayActionPerformed(evt);
217     }
218 });
219
220 jButton1.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
221 jButton1.setText("ADD");
222 jButton1.addActionListener(new java.awt.event.ActionListener() {
223     public void actionPerformed(java.awt.event.ActionEvent evt) {

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```

224         jButton1ActionPerformed(evt);
225     }
226 });
227
228 jLabel8.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
229 jLabel8.setText("Price");
230
231 txtprice.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
232 txtprice.addActionListener(new java.awt.event.ActionListener() {
233     public void actionPerformed(java.awt.event.ActionEvent evt) {
234         txtpriceActionPerformed(evt);
235     }
236 });
237
238 javax.swing.GroupLayout jPanel2Layout = new
↪ javax.swing.GroupLayout(jPanel2);
239 jPanel2.setLayout(jPanel2Layout);
240 jPanel2Layout.setHorizontalGroup(
241
↪ jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
242     .addGroup(jPanel2Layout.createSequentialGroup()
243         .addGap(44, 44, 44)
244         .addGroup(jPanel2Layout.createParallelGroup(javax.swing.
↪ javax.swing.GroupLayout.Alignment.LEADING)
245             .addComponent(jLabel13)
246             .addComponent(jLabel12)
247             .addComponent(jLabel14)
248             .addComponent(jLabel18))
249         .addGap(40, 40, 40)
250         .addGroup(jPanel2Layout.createParallelGroup(javax.swing.
↪ javax.swing.GroupLayout.Alignment.LEADING)
251             .addGroup(jPanel2Layout.createSequentialGroup()
252                 .addComponent(txtqty,
↪ javax.swing.GroupLayout.PREFERRED_SIZE, 84,
↪ javax.swing.GroupLayout.PREFERRED_SIZE)
253                 .addGap(144, 144, 144)
254                 .addComponent(jButton1,
↪ javax.swing.GroupLayout.PREFERRED_SIZE, 91,
↪ javax.swing.GroupLayout.PREFERRED_SIZE)
255                 .addGap(javax.swing.GroupLayout.DEFAULT_SIZE,
↪ Short.MAX_VALUE))
256             .addGroup(jPanel2Layout.createSequentialGroup()
257                 .addGroup(jPanel2Layout.createParallelGroup(javax.swing.
↪ javax.swing.GroupLayout.Alignment.LEADING,
↪ false)
258                     .addComponent(txtdname)
259                     .addComponent(txtdcode)
260                     .addComponent(txtprice,
↪ javax.swing.GroupLayout.DEFAULT_SIZE, 176,
↪ Short.MAX_VALUE))
261                 .addGap(140, 140, 140)
262                 .addGroup(jPanel2Layout.createParallelGroup(javax.swing.
↪ javax.swing.GroupLayout.Alignment.TRAILING)
263                     .addComponent(jLabel15)
264                     .addComponent(jLabel16,
↪ javax.swing.GroupLayout.Alignment.LEADING)
265                     .addComponent(jLabel17,
↪ javax.swing.GroupLayout.Alignment.LEADING))
266                 .addGap(51, 51, 51)

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267         .addGroup(jPanel2Layout.createParallelGroup(javax.swing.
    ↳ GroupLayout.Alignment.TRAILING)
268         .addComponent(txtpay,
    ↳ javax.swing.GroupLayout.Alignment.LEADING)
269         .addGroup(jPanel2Layout.createSequentialGroup())
270         .addGap(0, 0, Short.MAX_VALUE)
271         .addComponent(txttcost,
    ↳ javax.swing.GroupLayout.PREFERRED_SIZE, 188,
    ↳ javax.swing.GroupLayout.PREFERRED_SIZE))
272         .addComponent(txtbal))
273         .addGap(236, 236, 236))))
274     );
275     jPanel2Layout.setVerticalGroup(
276     ↳ jPanel2Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
277     .addGroup(jPanel2Layout.createSequentialGroup())
278     .addGap(22, 22, 22)
279     .addGroup(jPanel2Layout.createParallelGroup(javax.swing.
    ↳ GroupLayout.Alignment.BASELINE)
280     .addComponent(jLabel2)
281     .addComponent(txtdcode, javax.swing.GroupLayout.PREFERRED_SIZE,
    ↳ 30, javax.swing.GroupLayout.PREFERRED_SIZE)
282     .addComponent(jLabel5)
283     .addComponent(txttcost, javax.swing.GroupLayout.PREFERRED_SIZE,
    ↳ 30, javax.swing.GroupLayout.PREFERRED_SIZE))
284     .addGap(27, 27, 27)
285     .addGroup(jPanel2Layout.createParallelGroup(javax.swing.
    ↳ GroupLayout.Alignment.BASELINE)
286     .addComponent(jLabel3)
287     .addComponent(txtlname, javax.swing.GroupLayout.PREFERRED_SIZE,
    ↳ 30, javax.swing.GroupLayout.PREFERRED_SIZE)
288     .addComponent(jLabel6)
289     .addComponent(txtpay, javax.swing.GroupLayout.PREFERRED_SIZE,
    ↳ 30, javax.swing.GroupLayout.PREFERRED_SIZE))
290     .addGap(22, 22, 22)
291     .addGroup(jPanel2Layout.createParallelGroup(javax.swing.
    ↳ GroupLayout.Alignment.BASELINE)
292     .addComponent(jLabel8)
293     .addComponent(txtprice, javax.swing.GroupLayout.PREFERRED_SIZE,
    ↳ 30, javax.swing.GroupLayout.PREFERRED_SIZE)
294     .addComponent(jLabel7)
295     .addComponent(txtbal, javax.swing.GroupLayout.PREFERRED_SIZE,
    ↳ 30, javax.swing.GroupLayout.PREFERRED_SIZE))
296     .addGroup(jPanel2Layout.createParallelGroup(javax.swing.
    ↳ GroupLayout.Alignment.LEADING)
297     .addGroup(jPanel2Layout.createSequentialGroup())
298     .addGap(27, 27, 27)
299     .addGroup(jPanel2Layout.createParallelGroup(javax.swing.
    ↳ GroupLayout.Alignment.BASELINE)
300     .addComponent(jLabel4)
301     .addComponent(txtqty,
    ↳ javax.swing.GroupLayout.PREFERRED_SIZE, 30,
    ↳ javax.swing.GroupLayout.PREFERRED_SIZE)))
302     .addGroup(jPanel2Layout.createSequentialGroup())
303     .addGap(18, 18, 18)
304     .addComponent(jButton1,
    ↳ javax.swing.GroupLayout.PREFERRED_SIZE, 37,
    ↳ javax.swing.GroupLayout.PREFERRED_SIZE)))

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```

305         .addContainerGap(63, Short.MAX_VALUE))
306     );
307
308     jTable1.setModel(new javax.swing.table.DefaultTableModel(
309         new Object [][] {
310
311             },
312         new String [] {
313             "Drug Name", "Price", "Qty", "Total"
314         }
315     ));
316     jScrollPane1.setViewportViewView(jTable1);
317
318     jButton2.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
319     jButton2.setText("Print Invoice");
320     jButton2.addActionListener(new java.awt.event.ActionListener() {
321         public void actionPerformed(java.awt.event.ActionEvent evt) {
322             jButton2ActionPerformed(evt);
323         }
324     });
325
326     javax.swing.GroupLayout layout = new
↪ javax.swing.GroupLayout(getContentPane());
327     getContentPane().setLayout(layout);
328     layout.setHorizontalGroup(
329         layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
330         .addComponent(jPanel1, javax.swing.GroupLayout.DEFAULT_SIZE,
↪ javax.swing.GroupLayout.DEFAULT_SIZE, Short.MAX_VALUE)
331         .addGroup(layout.createSequentialGroup()
332             .addContainerGap()
333             .addComponent(jScrollPane1,
↪ javax.swing.GroupLayout.PREFERRED_SIZE, 588,
↪ javax.swing.GroupLayout.PREFERRED_SIZE)
334             .addGap(105, 105, 105)
335             .addComponent(jButton2, javax.swing.GroupLayout.PREFERRED_SIZE,
↪ 118, javax.swing.GroupLayout.PREFERRED_SIZE)
336             .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
↪ Short.MAX_VALUE))
337         .addGroup(javax.swing.GroupLayout.Alignment.TRAILING,
↪ layout.createSequentialGroup()
338             .addContainerGap(javax.swing.GroupLayout.DEFAULT_SIZE,
↪ Short.MAX_VALUE)
339             .addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE,
↪ 864, javax.swing.GroupLayout.PREFERRED_SIZE)
340             .addGap(38, 38, 38))
341     );
342     layout.setVerticalGroup(
343         layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
344         .addGroup(layout.createSequentialGroup()
345             .addComponent(jPanel1, javax.swing.GroupLayout.PREFERRED_SIZE,
↪ javax.swing.GroupLayout.DEFAULT_SIZE,
↪ javax.swing.GroupLayout.PREFERRED_SIZE)
346             .addPreferredGap(javax.swing.LayoutStyle.ComponentPlacement.
↪ UNRELATED)
347             .addComponent(jPanel2, javax.swing.GroupLayout.PREFERRED_SIZE,
↪ javax.swing.GroupLayout.DEFAULT_SIZE,
↪ javax.swing.GroupLayout.PREFERRED_SIZE)
348             .addGroup(layout.createParallelGroup(javax.swing.GroupLayout.
↪ Alignment.LEADING)

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```

349         .addGroup(layout.createSequentialGroup()
350             .addGap(89, 89, 89)
351             .addComponent(jButton2,
352                 ↪ javax.swing.GroupLayout.PREFERRED_SIZE, 45,
353                 ↪ javax.swing.GroupLayout.PREFERRED_SIZE))
354         .addGroup(layout.createSequentialGroup()
355             .addGap(24, 24, 24)
356             .addComponent(jScrollPane1,
357                 ↪ javax.swing.GroupLayout.PREFERRED_SIZE, 189,
358                 ↪ javax.swing.GroupLayout.PREFERRED_SIZE))
359         .addContainerGap(27, Short.MAX_VALUE))
360     );
361
362     pack();
363     setLocationRelativeTo(null);
364 } // </editor-fold>
365
366 private void txtddcodeActionPerformed(java.awt.event.ActionEvent evt) {
367     // TODO add your handling code here:
368 }
369
370 private void txttccostActionPerformed(java.awt.event.ActionEvent evt) {
371     // TODO add your handling code here:
372 }
373
374 private void txtbalActionPerformed(java.awt.event.ActionEvent evt) {
375     // TODO add your handling code here:
376 }
377
378 private void txtppayActionPerformed(java.awt.event.ActionEvent evt) {
379     // TODO add your handling code here:
380 }
381
382 private void jButton1ActionPerformed(java.awt.event.ActionEvent evt) {
383     // TODO add your handling code here:
384     int price, qty, total;
385     price = Integer.parseInt(txtprice.getText());
386     qty = Integer.parseInt(txtqty.getValue().toString());
387     total = price * qty;
388     df = (DefaultTableModel) jTable1.getModel();
389     df.addRow(new Object[]{
390         txtddname.getText(),
391         txtprice.getText(),
392         txtqty.getValue().toString(),
393         total
394     });
395
396     int sum = 0;
397     for (int i = 0; i < jTable1.getRowCount(); i++) {
398         sum = sum + Integer.parseInt(jTable1.getValueAt(i, 3).toString());
399     }
400
401     txttccost.setText(String.valueOf(sum));
402     txtddcode.setText("");
403     txtddname.setText("");
404     txtqty.setValue(0);
405     txtprice.setText("");
406     // this.pack();
407     // this.setSize(this.getWidth() + 10, this.getHeight());

```



```

404         txtddcode.requestFocus();
405     }
406
407     private void jButton2ActionPerformed(java.awt.event.ActionEvent evt) {
408         // TODO add your handling code here:
409         int totalcost = Integer.parseInt(txttcost.getText());
410         int pay = Integer.parseInt(txttprice.getText());
411         int tot = pay - totalcost;
412         txtbal.setText(String.valueOf(tot));
413
414         try {
415             sales();
416         } catch (SQLException ex) {
417             Logger.getLogger(medinventory.class.getName()).log(Level.SEVERE,
418                 null, ex);
419         }
420
421     private void txttpriceActionPerformed(java.awt.event.ActionEvent evt) {
422         // TODO add your handling code here:
423     }
424
425     private void txtddcodeKeyPressed(java.awt.event.KeyEvent evt) {
426
427         if (evt.getKeyCode() == KeyEvent.VK_ENTER) {
428             try {
429                 String dcode = txtddcode.getText();
430                 pst = con.prepareStatement("select * from product where id = ?");
431                 pst.setString(1, dcode);
432                 rs = pst.executeQuery();
433
434                 if (rs.next() == false) {
435                     JOptionPane.showMessageDialog(this, "Drug Code Not Found");
436                 } else {
437                     String dname = rs.getString("drugname");
438                     txtddname.setText(dname.trim());
439                     String price = rs.getString("price");
440                     txttprice.setText(price.trim());
441                     txtqty.requestFocus();
442                 }
443             } // TODO add your handling code here:
444             catch (SQLException ex) {
445                 Logger.getLogger(medinventory.class.getName()).log(Level.SEVERE,
446                     null, ex);
447             }
448         }
449
450         /**
451          * @param args the command line arguments
452          */
453         public static void main(String args[]) {
454             /* Set the Nimbus look and feel */
455             //http://download.oracle.com/javase/tutorial/uiswing/lookandfeel/plaf.html

```


Ouput:

Pharmacy Inventory Management System

Drug Code

Total Cost

210

Drug Name

Payment

Price

Balance

Qty

0

ADD

Drug Name	Price	Qty	Total
Omeprazole	15	2	30
Aspirin	40	3	120
Losartin	30	2	60

Print Invoice

JasperViewer

Pharmacy

Invoice No:
9

Drug Name	Price	Qty	Total
Ibuprofen	10	2	20
Omeprazole	15	2	30
Total:			50
Paid:			60
Balance:			10

Page 1 of 1

Pharmacy Inventory Management System

Drug Code

3

Drug Name

Price

Qty

0

Total Cost

20

Payment

Balance

Message

i

Drug Code Not Found

OK

Drug Name	Price	Qty	Total
Ibuprofen	10	2	20

Print Invoice