

Mini Project Report

Pharmacy Inventory Management System

Group Members

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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 }

```

```

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
103     } catch (JRException ex) {
104         Logger.getLogger(medinventory.class.getName()).log(Level.SEVERE,
105             ↪ null, ex);
106     }
107
108     /**
109     * This method is called from within the constructor to initialize the form.
110     * WARNING: Do NOT modify this code. The content of this method is always
111     * regenerated by the Form Editor.
112     */
113     @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                     .addGroup(jPanel1Layout.createSequentialGroup()
156                         .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.TRAILING)
157                             .addGroup(jPanel1Layout.createParallelGroup(javax.swing.GroupLayout.Alignment.LEADING)
158                                 .addContainerGap(jPanel1Layout.DEFAULT_SIZE,
159 ↵ Short.MAX_VALUE)
160                                 .addComponent(jLabel1)
161                                 .addGroup(jPanel1Layout.createSequentialGroup()
162                                     .addGap(209, 209, 209))
163                             )
164                         .addGap(209, 209, 209))
165                     .addComponent(jLabel2)
166                     .addComponent(jLabel3)
167                     .addComponent(jLabel4)
168                     .addComponent(jLabel5)
169                     .addComponent(jLabel6)
170                     .addComponent(jLabel7)
171                     .addComponent(jLabel8)
172                     .addComponent(jLabel9)
173                     .addComponent(jLabel10)
174                     .addComponent(jLabel11)
175                     .addComponent(jLabel12)
176                     .addComponent(jLabel13)
177                     .addComponent(jLabel14)
178                     .addComponent(jLabel15)
179                     .addComponent(jLabel16)
180                     .addComponent(jLabel17)
181                     .addComponent(jLabel18)
182                     .addComponent(jLabel19)
183                     .addComponent(jLabel20)
184                     .addComponent(jLabel21)
185                     .addComponent(jLabel22)
186                     .addComponent(jLabel23)
187                     .addComponent(jLabel24)
188                     .addComponent(jLabel25)
189                     .addComponent(jLabel26)
190                     .addComponent(jLabel27)
191                     .addComponent(jLabel28)
192                     .addComponent(jLabel29)
193                     .addComponent(jLabel30)
194                     .addComponent(jLabel31)
195                     .addComponent(jLabel32)
196                     .addComponent(jLabel33)
197                     .addComponent(jLabel34)
198                     .addComponent(jLabel35)
199                     .addComponent(jLabel36)
200                     .addComponent(jLabel37)
201                     .addComponent(jLabel38)
202                     .addComponent(jLabel39)
203                     .addComponent(jLabel40)
204                     .addComponent(jLabel41)
205                     .addComponent(jLabel42)
206                     .addComponent(jLabel43)
207                     .addComponent(jLabel44)
208                     .addComponent(jLabel45)
209                     .addComponent(jLabel46)
210                     .addComponent(jLabel47)
211                     .addComponent(jLabel48)
212                     .addComponent(jLabel49)
213                     .addComponent(jLabel50)
214                     .addComponent(jLabel51)
215                     .addComponent(jLabel52)
216                     .addComponent(jLabel53)
217                     .addComponent(jLabel54)
218                     .addComponent(jLabel55)
219                     .addComponent(jLabel56)
220                     .addComponent(jLabel57)
221                     .addComponent(jLabel58)
222                     .addComponent(jLabel59)
223                     .addComponent(jLabel60)
224                     .addComponent(jLabel61)
225                     .addComponent(jLabel62)
226                     .addComponent(jLabel63)
227                     .addComponent(jLabel64)
228                     .addComponent(jLabel65)
229                     .addComponent(jLabel66)
230                     .addComponent(jLabel67)
231                     .addComponent(jLabel68)
232                     .addComponent(jLabel69)
233                     .addComponent(jLabel70)
234                     .addComponent(jLabel71)
235                     .addComponent(jLabel72)
236                     .addComponent(jLabel73)
237                     .addComponent(jLabel74)
238                     .addComponent(jLabel75)
239                     .addComponent(jLabel76)
240                     .addComponent(jLabel77)
241                     .addComponent(jLabel78)
242                     .addComponent(jLabel79)
243                     .addComponent(jLabel80)
244                     .addComponent(jLabel81)
245                     .addComponent(jLabel82)
246                     .addComponent(jLabel83)
247                     .addComponent(jLabel84)
248                     .addComponent(jLabel85)
249                     .addComponent(jLabel86)
250                     .addComponent(jLabel87)
251                     .addComponent(jLabel88)
252                     .addComponent(jLabel89)
253                     .addComponent(jLabel90)
254                     .addComponent(jLabel91)
255                     .addComponent(jLabel92)
256                     .addComponent(jLabel93)
257                     .addComponent(jLabel94)
258                     .addComponent(jLabel95)
259                     .addComponent(jLabel96)
260                     .addComponent(jLabel97)
261                     .addComponent(jLabel98)
262                     .addComponent(jLabel99)
263                     .addComponent(jLabel100)
264                     .addComponent(jLabel101)
265                     .addComponent(jLabel102)
266                     .addComponent(jLabel103)
267                     .addComponent(jLabel104)
268                     .addComponent(jLabel105)
269                     .addComponent(jLabel106)
270                     .addComponent(jLabel107)
271                     .addComponent(jLabel108)
272                     .addComponent(jLabel109)
273                     .addComponent(jLabel110)
274                     .addComponent(jLabel111)
275                     .addComponent(jLabel112)
276                     .addComponent(jLabel113)
277                     .addComponent(jLabel114)
278                     .addComponent(jLabel115)
279                     .addComponent(jLabel116)
280                     .addComponent(jLabel117)
281                     .addComponent(jLabel118)
282                     .addComponent(jLabel119)
283                     .addComponent(jLabel120)
284                     .addComponent(jLabel121)
285                     .addComponent(jLabel122)
286                     .addComponent(jLabel123)
287                     .addComponent(jLabel124)
288                     .addComponent(jLabel125)
289                     .addComponent(jLabel126)
290                     .addComponent(jLabel127)
291                     .addComponent(jLabel128)
292                     .addComponent(jLabel129)
293                     .addComponent(jLabel130)
294                     .addComponent(jLabel131)
295                     .addComponent(jLabel132)
296                     .addComponent(jLabel133)
297                     .addComponent(jLabel134)
298                     .addComponent(jLabel135)
299                     .addComponent(jLabel136)
300                     .addComponent(jLabel137)
301                     .addComponent(jLabel138)
302                     .addComponent(jLabel139)
303                     .addComponent(jLabel140)
304                     .addComponent(jLabel141)
305                     .addComponent(jLabel142)
306                     .addComponent(jLabel143)
307                     .addComponent(jLabel144)
308                     .addComponent(jLabel145)
309                     .addComponent(jLabel146)
310                     .addComponent(jLabel147)
311                     .addComponent(jLabel148)
312                     .addComponent(jLabel149)
313                     .addComponent(jLabel150)
314                     .addComponent(jLabel151)
315                     .addComponent(jLabel152)
316                     .addComponent(jLabel153)
317                     .addComponent(jLabel154)
318                     .addComponent(jLabel155)
319                     .addComponent(jLabel156)
320                     .addComponent(jLabel157)
321                     .addComponent(jLabel158)
322                     .addComponent(jLabel159)
323                     .addComponent(jLabel160)
324                     .addComponent(jLabel161)
325                     .addComponent(jLabel162)
326                     .addComponent(jLabel163)
327                     .addComponent(jLabel164)
328                     .addComponent(jLabel165)
329                     .addComponent(jLabel166)
330                     .addComponent(jLabel167)
331                     .addComponent(jLabel168)
332                     .addComponent(jLabel169)
333                     .addComponent(jLabel170)
334                     .addComponent(jLabel171)
335                     .addComponent(jLabel172)
336                     .addComponent(jLabel173)
337                     .addComponent(jLabel174)
338                     .addComponent(jLabel175)
339                     .addComponent(jLabel176)
340                     .addComponent(jLabel177)
341                     .addComponent(jLabel178)
342                     .addComponent(jLabel179)
343                     .addComponent(jLabel180)
344                     .addComponent(jLabel181)
345                     .addComponent(jLabel182)
346                     .addComponent(jLabel183)
347                     .addComponent(jLabel184)
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359                     .addComponent(jLabel196)
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361                     .addComponent(jLabel198)
362                     .addComponent(jLabel199)
363                     .addComponent(jLabel200)
364                     .addComponent(jLabel201)
365                     .addComponent(jLabel202)
366                     .addComponent(jLabel203)
367                     .addComponent(jLabel204)
368                     .addComponent(jLabel205)
369                     .addComponent(jLabel206)
370                     .addComponent(jLabel207)
371                     .addComponent(jLabel208)
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373                     .addComponent(jLabel210)
374                     .addComponent(jLabel211)
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379                     .addComponent(jLabel216)
380                     .addComponent(jLabel217)
381                     .addComponent(jLabel218)
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383                     .addComponent(jLabel220)
384                     .addComponent(jLabel221)
385                     .addComponent(jLabel222)
386                     .addComponent(jLabel223)
387                     .addComponent(jLabel224)
388                     .addComponent(jLabel225)
389                     .addComponent(jLabel226)
390                     .addComponent(jLabel227)
391                     .addComponent(jLabel228)
392                     .addComponent(jLabel229)
393                     .addComponent(jLabel230)
394                     .addComponent(jLabel231)
395                     .addComponent(jLabel232)
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403                     .addComponent(jLabel240)
404                     .addComponent(jLabel241)
405                     .addComponent(jLabel242)
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409                     .addComponent(jLabel246)
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411                     .addComponent(jLabel248)
412                     .addComponent(jLabel249)
413                     .addComponent(jLabel250)
414                     .addComponent(jLabel251)
415                     .addComponent(jLabel252)
416                     .addComponent(jLabel253)
417                     .addComponent(jLabel254)
418                     .addComponent(jLabel255)
419                     .addComponent(jLabel256)
420                     .addComponent(jLabel257)
421                     .addComponent(jLabel258)
422                     .addComponent(jLabel259)
423                     .addComponent(jLabel260)
424                     .addComponent(jLabel261)
425                     .addComponent(jLabel262)
426                     .addComponent(jLabel263)
427                     .addComponent(jLabel264)
428                     .addComponent(jLabel265)
429                     .addComponent(jLabel266)
430                     .addComponent(jLabel267)
431                     .addComponent(jLabel268)
432                     .addComponent(jLabel269)
433                     .addComponent(jLabel270)
434                     .addComponent(jLabel271)
435                     .addComponent(jLabel272)
436                     .addComponent(jLabel273)
437                     .addComponent(jLabel274)
438                     .addComponent(jLabel275)
439                     .addComponent(jLabel276)
440                     .addComponent(jLabel277)
441                     .addComponent(jLabel278)
442                     .addComponent(jLabel279)
443                     .addComponent(jLabel280)
444                     .addComponent(jLabel281)
445                     .addComponent(jLabel282)
446                     .addComponent(jLabel283)
447                     .addComponent(jLabel284)
448                     .addComponent(jLabel285)
449                     .addComponent(jLabel286)
450                     .addComponent(jLabel287)
451                     .addComponent(jLabel288)
452                     .addComponent(jLabel289)
453                     .addComponent(jLabel290)
454                     .addComponent(jLabel291)
455                     .addComponent(jLabel292)
456                     .addComponent
```

```

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 txttccost.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
200 txttccost.addActionListener(new java.awt.event.ActionListener() {
201     public void actionPerformed(java.awt.event.ActionEvent evt) {
202         txttccostActionPerformed(evt);
203     }
204 });
205
206 txtbal.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
207 txtbal.addActionListener(new java.awt.event.ActionListener() {
208     public void actionPerformed(java.awt.event.ActionEvent evt) {
209         txtbalActionPerformed(evt);
210     }
211 });
212
213 txtpay.setFont(new java.awt.Font("Segoe UI", 1, 14)); // NOI18N
214 txtpay.addActionListener(new java.awt.event.ActionListener() {
215     public void actionPerformed(java.awt.event.ActionEvent evt) {
216         txtpayActionPerformed(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) {

```

```

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)

```

```

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

```



```

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)

```



```

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