```
import java.awt.*;
   import javax.swing.*;
   import javax.swing.border.*;
   import java.awt.event.*;
   import java.util.*;
   import java.text.*;
   public class Pharmacy extends JFrame implements ActionListener
8
9
       private JLabel lblCashierName;
10
       private JTextField tfCashierName;
11
       private JRadioButton rbMember, rbNonMember;
12
       private JCheckBox cbBena, cbTussidex, cbParacetamol, cbDyrito, cbZelo
13
   x, cbMexomide;
       private JCheckBox cbHyomide, cbNazin, cbUphalyte, cbOriginal;
14
       private JCheckBox cb1, cb2, cb3, cb4, cb5, cb6, cb7, cb8, cb9, cb10;
15
       private JTextField tfBena, tfTussidex, tfParacetamol, tfDyrito, tfZel
16
   ox, tfMexomide;
       private JTextField tfHyomide, tfNazin, tfUphalyte, tfOriginal;
17
       private JTextField tf1, tf2, tf3, tf4, tf5, tf6, tf7, tf8, tf9, tf10;
18
       private JButton btnOk, btnClear, btnExit;
19
       private JPanel panelCashier , panelMember, pCustom,panelButton,panelR
20
   eceipt, panelImage;
       private JTextArea taReceipt;
21
       private JScrollPane scroll;
22
23
       public static void main(String args[])
24
            Pharmacy newJFrame = new Pharmacy();
26
            newJFrame.setVisible(true);
27
28
            newJFrame.setSize(1400,768);
29
            newJFrame.setLocation(0,0);
            newJFrame.setTitle("Pharmacy");
30
31
       }
32
33
       public Pharmacy()
34
35
36
            Container c = getContentPane();
37
38
            c.setLayout(new GridLayout(6,1));
            //panel image
39
            panelImage = new JPanel(new GridLayout(1,1));
40
            JLabel image = new JLabel(new ImageIcon("farmarsc.jpg"));
41
42
            panelImage.add(image);
43
            c.add(panelImage);
            //panel cashier name
44
            lblCashierName = new JLabel("Pharmacist's Name : ");
45
            tfCashierName = new JTextField(10);
46
```

```
47
            panelCashier = new JPanel(new GridLayout(1,1));
48
            panelCashier.add(lblCashierName);
49
            panelCashier.add(tfCashierName);
51
            c.add(panelCashier);
53
            //panel members
54
            rbMember = new JRadioButton("Member *5% Discount");
55
            rbNonMember = new JRadioButton("Non-Member");
56
57
            ButtonGroup bgroup = new ButtonGroup();
58
            bgroup.add(rbMember);
59
            bgroup.add(rbNonMember);
60
61
            panelMember = new JPanel(new GridLayout(1,2));
62
            panelMember.setBorder(new TitledBorder("MEMBERSHIP"));
            panelMember.setBackground(Color.GRAY);
64
            panelMember.add(rbMember);
65
            panelMember.add(rbNonMember);
66
67
            c.add(panelMember);
68
69
            //panel Medicine
70
71
            cbBena = new JCheckBox(" Bena Expectorant");
72
            tfBena = new JTextField("*",2);
73
            cbTussidex = new JCheckBox (" Tussidex Forte");
74
            tfTussidex = new JTextField("*",2);
75
            cbParacetamol = new JCheckBox(" Paracetamol");
76
            tfParacetamol = new JTextField("*",2);
77
78
            cbDyrito = new JCheckBox(" Dyrito Tablet");
            tfDyrito = new JTextField("*",2);
79
            cbZelox = new JCheckBox(" Zelox-II");
80
            tfZelox = new JTextField("*",2);
81
            cbMexomide = new JCheckBox(" Mexomide Tablet");
82
            tfMexomide = new JTextField("*",2);
83
            cbHyomide = new JCheckBox(" Hyomide Tablet");
84
            tfHyomide = new JTextField("*",2);
            cbNazin = new JCheckBox(" Nazin Tablet");
86
            tfNazin = new JTextField("*",2);
87
            cbUphalyte = new JCheckBox(" Uphalyte Orange");
88
            tfUphalyte = new JTextField("*",2);
89
            cbOriginal = new JCheckBox(" Uphalyte Original");
90
            tfOriginal = new JTextField("*",2);
91
            cb1 = new JCheckBox(" Abacavir Sulfate");
92
            tf1 = new JTextField("*",2);
93
            cb2 = new JCheckBox(" Bionect Cream, Gel");
94
            tf2 = new JTextField("*",2);
95
```

```
Class Pharmacy (continued)
                                                                                3/14
            cb3 = new JCheckBox(" Cytogam");
96
            tf3 = new JTextField("*",2);
97
            cb4 = new JCheckBox(" Darvon Compound");
98
            tf4 = new JTextField("*",2);
            cb5 = new JCheckBox(" Eurax");
100
            tf5 = new JTextField("*",2);
            cb6 = new JCheckBox(" Fortesta");
102
            tf6 = new JTextField("*",2);
103
104
            cb7 = new JCheckBox(" Oxsoralen-Ultra");
            tf7 = new JTextField("*",2);
105
            cb8 = new JCheckBox(" Sulfasalazine Tablet");
106
107
            tf8 = new JTextField("*",2);
            cb9 = new JCheckBox(" Yellow Fever Vaccine");
108
            tf9 = new JTextField("*",2);
109
            cb10 = new JCheckBox(" Lidocaine");
110
            tf10 = new JTextField("*",2);
111
112
            pCustom = new JPanel(new GridLayout(4,10));
113
            pCustom.setBorder(new TitledBorder("MEDICINE [Fill quantity (*)]"
114
    ));
            pCustom.setBackground(Color.GRAY);
115
116
            pCustom.add(cbBena);
117
            pCustom.add(tfBena);
118
            pCustom.add(cbTussidex);
119
            pCustom.add(tfTussidex);
120
            pCustom.add(cbParacetamol);
121
            pCustom.add(tfParacetamol);
122
            pCustom.add(cbDyrito);
123
            pCustom.add(tfDyrito);
124
            pCustom.add(cbZelox);
125
126
            pCustom.add(tfZelox);
            pCustom.add(cbMexomide);
127
            pCustom.add(tfMexomide);
128
            pCustom.add(cbHyomide);
129
            pCustom.add(tfHyomide);
130
131
            pCustom.add(cbNazin);
            pCustom.add(tfNazin);
132
            pCustom.add(cbUphalyte);
133
            pCustom.add(tfUphalyte);
134
135
            pCustom.add(cbOriginal);
            pCustom.add(tfOriginal);
136
            pCustom.add(cb1);
137
            pCustom.add(tf1);
138
            pCustom.add(cb2);
139
140
            pCustom.add(tf2);
            pCustom.add(cb3);
141
            pCustom.add(tf3);
142
            pCustom.add(cb4);
143
```

```
4/14
Class Pharmacy (continued)
            pCustom.add(tf4);
144
            pCustom.add(cb5);
145
            pCustom.add(tf5);
146
            pCustom.add(cb6);
147
            pCustom.add(tf6);
148
            pCustom.add(cb7);
            pCustom.add(tf7);
150
            pCustom.add(cb8);
151
            pCustom.add(tf8);
152
            pCustom.add(cb9);
153
            pCustom.add(tf9);
154
            pCustom.add(cb10);
155
            pCustom.add(tf10);
156
            c.add(pCustom);
157
            //panel button
158
            btnOk = new JButton("OK");
159
            btnExit = new JButton("EXIT");
            btnClear = new JButton("CLEAR");
161
            panelButton = new JPanel(new FlowLayout());
162
            panelButton.setBorder(new TitledBorder("BUTTON"));
163
            panelButton.setBackground(Color.GRAY);
164
            panelButton.add(btnOk);
165
            panelButton.add(btnClear);
166
            panelButton.add(btnExit);
167
            c.add(panelButton);
168
169
            //panel receipt
170
            taReceipt = new JTextArea();
            scroll = new JScrollPane(taReceipt);
172
            panelReceipt = new JPanel(new GridLayout(1,1));
173
            panelReceipt.setBorder(new TitledBorder("RECEIPT"));
174
175
            panelReceipt.setBackground(Color.GRAY);
            panelReceipt.add(scroll);
176
            c.add(panelReceipt);
177
178
179
            //qune JtextArea
180
            //register the frame as an action listener of the events
181
            btnOk.addActionListener(this);
            btnExit.addActionListener(this);
183
184
            btnClear.addActionListener(this);
185
186
        //to perform action
187
        public void actionPerformed(ActionEvent e )
188
189
           DecimalFormat df = new DecimalFormat("0.00");
190
           double priceBena = 4, priceTussidex = 4, priceParacetamol = 2.5, p
191
   riceDyrito = 2, priceZelox = 5;
```

```
double priceMexomide = 2.5, priceHyomide = 3, priceNazin = 4, pric
192
   eUphalyte = 1.5, priceOriginal =1.5;
          double price1 = 6, price2 = 9, price3 = 7.5, price4 = 4, price5 =
193
   8.5, price6 = 6.5, price7 = 2;
          double price8 = 1.5, price9 = 3.5, price10 = 2;
194
          //to find total
196
          double total = 0;
197
          int no = 0;
198
           //if click button ok
199
           if(e.getSource() == btnOk)
200
201
                //to write in receipt
202
               taReceipt.setText("\t\tPHARMACY\n");
203
               taReceipt.append("\t\tPharmacist's Name : "+tfCashierName.getT
204
   ext()+"\n");
              taReceipt.append("\t\tMembership \t: ");
205
                if(rbMember.isSelected())
206
207
                    taReceipt.append("Member\n");
208
                    taReceipt.append("\tNo\tItem\t\tQuantity\t\tPrice\n");
209
210
                    if(cbBena.isSelected())
211
212
                        int Bena = Integer.parseInt(tfBena.getText());
213
214
                        no = no + 1;
                        double newPriceBe =(priceBena-(priceBena * 0.05))*Ben
215
                        216
   "+ Bena+"\t\t"+df.format(newPriceBe)+"\n");
217
                        total = total + newPriceBe;
218
                    if(cbTussidex.isSelected())
219
220
                        int Tussidex = Integer.parseInt(tfTussidex.getText())
221
222
                        no = no + 1;
                        double newPriceTu =(priceTussidex-(priceTussidex * 0.
223
   05))*Tussidex;
                        taReceipt.append("\t"+no+"\tTussidex
                                                                    Forte\t\t
224
   "+ Tussidex+"\t\t"+df.format(newPriceTu)+"\n");
                        total = total + newPriceTu;
225
226
                    if(cbParacetamol.isSelected())
227
228
229
                        int Paracetamol = Integer.parseInt(tfParacetamol.getT
   ext());
230
                        no = no + 1;
                        double newPricePa =(priceParacetamol-(priceParacetamo
231
```

```
1 * 0.05))*Paracetamol;
231
                         taReceipt.append("\t"+no+"\tParacetamol\t\t
                                                                              "+
232
   Paracetamol+"\t\t"+df.format(newPricePa)+"\n");
                         total = total + newPricePa;
233
234
235
                    if(cbDyrito.isSelected())
236
                         int Dyrito = Integer.parseInt(tfDyrito.getText());
237
                        no = no + 1;
238
                        double newPriceDy = (priceDyrito - (priceDyrito * 0.0
239
   5))*Dyrito;
                        taReceipt.append("\t"+no+"\tDyrito Tablet\t\t
240
    + Dyrito+"\t\t"+df.format(newPriceDy)+"\n");
                         total = total + newPriceDy;
241
242
                    if(cbZelox.isSelected())
243
244
                         int Zelox = Integer.parseInt(tfZelox.getText());
245
246
                        double newPriceZe =(priceZelox-(priceZelox * 0.05))*Z
247
   elox;
                         taReceipt.append("\t"+no+"\tZelox-II\t\t
                                                                           "+ Zel
248
   ox+"\t\t"+df.format(newPriceZe)+"\n");
                         total = total + newPriceZe;
249
250
                    if(cbMexomide.isSelected())
251
252
                         int Mexomide = Integer.parseInt(tfMexomide.getText())
253
254
                         no = no + 1;
255
                        double newPriceMe = (priceMexomide - (priceMexomide * 0.
   05))*Mexomide;
                        taReceipt.append("\t"+no+"\tMexomide Tablet\t
256
    + Mexomide+"\t\t"+df.format(newPriceMe)+"\n");
                        total = total + newPriceMe;
257
258
                    if(cbHyomide.isSelected())
259
260
                         int Hyomide = Integer.parseInt(tfHyomide.getText());
                        no = no + 1;
262
263
                         double newPriceHy = (priceHyomide-(priceHyomide * 0.05
    ))*Hyomide;
                         taReceipt.append("\t"+no+"\tHyomide
                                                                     Tablet\t\t
264
    "+ Hyomide+"\t\t"+df.format(newPriceHy)+"\n");
                         total = total + newPriceHy;
265
266
                    if(cbNazin.isSelected())
267
268
                         int Nazin = Integer.parseInt(tfNazin.getText());
269
```

```
270
                         no = no + 1;
                         double newPriceNa = (priceNazin-(priceNazin * 0.05))*N
271
   azin;
                         taReceipt.append("\t"+no+"\tNazin Tablet\t\t
272
    Nazin+"\t\t"+df.format(newPriceNa)+"\n");
273
                        total = total + newPriceNa;
274
                    if(cbUphalyte.isSelected())
275
276
                         int Uphalyte = Integer.parseInt(tfUphalyte.getText())
277
                        no = no + 1;
278
                         double newPriceUp =(priceUphalyte-(priceUphalyte * 0.
279
   05))*Uphalyte;
                         taReceipt.append("\t"+no+"\tUphalyte Orange\t
280
   + Uphalyte+"\t\t"+df.format(newPriceUp)+"\n");
                         total = total + newPriceUp;
281
282
                    if(cbOriginal.isSelected())
283
284
                         int Original = Integer.parseInt(tfOriginal.getText())
285
                        no = no + 1;
286
                        double newPriceOr =(priceOriginal-(priceOriginal * 0.
287
   05))*Original;
288
                         taReceipt.append("\t"+no+"\tUphalyte
                                                                      Original\t
     "+ Original+"\t\t"+df.format(newPriceOr)+"\n");
                        total = total + newPriceOr;
290
                    if(cb1.isSelected())
291
292
293
                         int n1 = Integer.parseInt(tf1.getText());
                        no = no + 1;
294
                        double newPrice1 =(price1-(price1 * 0.05))*n1;
295
                         taReceipt.append("\t"+no+"\tAbacavir
                                                                    Sulfate\t\t
296
      "+ n1+"\t\t"+df.format(newPrice1)+"\n");
                         total = total + newPrice1;
297
298
                    if(cb2.isSelected())
300
301
                         int n2 = Integer.parseInt(tf2.getText());
                        no = no + 1;
302
                        double newPrice2 =(price2-(price2 * 0.05))*n2;
303
                         taReceipt.append("\t"+no+"\tBionect Cream,
                                                                            Gel\t
304
      "+ n2+"\t\t"+df.format(newPrice2)+"\n");
305
                         total = total + newPrice2;
306
                    if(cb3.isSelected())
307
308
```

```
309
                         int n3 = Integer.parseInt(tf3.getText());
310
                         no = no + 1;
                         double newPrice3 = (price3-(price3 * 0.05))*n3;
311
                         taReceipt.append("\t"+no+"\tCytogam\t\t
                                                                           "+ n3+"
312
    \t\t"+df.format(newPrice3)+"\n");
313
                         total = total + newPrice3;
314
                     if(cb4.isSelected())
315
316
                         int n4 = Integer.parseInt(tf4.getText());
317
318
                         no = no + 1;
                         double newPrice4 =(price4-(price4 * 0.05))*n4;
319
                         taReceipt.append("\t"+no+"\tDarvon Compound\t
320
    + n4+"\t\t"+df.format(newPrice4)+"\n");
                         total = total + newPrice4;
321
322
                     if(cb5.isSelected())
323
324
                         int n5 = Integer.parseInt(tf5.getText());
325
                         no = no + 1;
326
                         double newPrice5 = (price5-(price5 * 0.05))*n5;
327
                         taReceipt.append("\t"+no+"\tEurax\t\t
                                                                         "+ n5+"\t
328
    \t"+df.format(newPrice5)+"\n");
                         total = total + newPrice5;
329
330
                     if(cb6.isSelected())
331
332
                         int n6 = Integer.parseInt(tf6.getText());
333
                         no = no + 1;
334
                         double newPrice6 = (price6-(price6 * 0.05))*n6;
335
                         taReceipt.append("\t"+no+"\tFortesta\t\t
                                                                            "+ n6+
336
    "\t\t"+df.format(newPrice6)+"\n");
                         total = total + newPrice6;
337
338
                     if(cb7.isSelected())
339
340
341
                         int n7 = Integer.parseInt(tf7.getText());
                         no = no + 1;
342
                         double newPrice7 = (price7-(price7 * 0.05))*n7;
343
                         taReceipt.append("\t"+no+"\t0xsoralen-Ultra\t\t
344
     "+ n7+"\t\t"+df.format(newPrice7)+"\n");
                         total = total + newPrice7;
345
346
                     if(cb8.isSelected())
347
348
349
                         int n8 = Integer.parseInt(tf8.getText());
                         no = no + 1;
350
                         double newPrice8 = (price8-(price8 * 0.05))*n8;
351
                         taReceipt.append("\t"+no+"\tSulfasalazine Tablet\t
352
```

```
"+ n8+"\t\t"+df.format(newPrice8)+"\n");
352
                         total = total + newPrice8;
353
354
                     if(cb9.isSelected())
355
356
357
                         int n9 = Integer.parseInt(tf9.getText());
                         no = no + 1;
358
                         double newPrice9 =(price9-(price9 * 0.05))*n9;
359
                         taReceipt.append("\t"+no+"\tYellow Fever Vaccine\t
360
        "+ n9+"\t\t"+df.format(newPrice9)+"\n");
                         total = total + newPrice9;
361
362
                     if(cb10.isSelected())
363
364
365
                         int n10 = Integer.parseInt(tf10.getText());
                         no = no + 1;
366
                         double newPrice10 = (price10-(price10 * 0.05))*n10;
367
                         taReceipt.append("\t"+no+"\tLidocaine\t\t
                                                                             "+ n1
368
    0+"\t\t"+df.format(newPrice10)+"\n");
                         total = total + newPrice10;
369
370
371
                else if(rbNonMember.isSelected())
372
373
                     taReceipt.append("Non-Member\n");
374
                     taReceipt.append("\tNo\tItem\t\tQuantity\t\tPrice\n");
375
376
                     if(cbBena.isSelected())
377
378
                         int Bena = Integer.parseInt(tfBena.getText());
379
                         no = no + 1;
380
381
                         double newPriceBe =(priceBena)*Bena;
                         taReceipt.append("\t"+no+"\tBena
                                                                    Expectorant\t
382
    "+ Bena+"\t\t"+df.format(newPriceBe)+"\n");
                         total = total + newPriceBe;
383
384
385
                     if(cbTussidex.isSelected())
386
                         int Tussidex = Integer.parseInt(tfTussidex.getText())
387
388
                         no = no + 1;
                         double newPriceTu =(priceTussidex)*Tussidex;
389
                         taReceipt.append("\t"+no+"\tTussidex
Forte\t\t
390
    "+ Tussidex+"\t\t"+df.format(newPriceTu)+"\n");
                         total = total + newPriceTu;
391
392
                     if(cbParacetamol.isSelected())
393
394
                         int Paracetamol = Integer.parseInt(tfParacetamol.getT
395
```

## **Class Pharmacy (continued)**

```
ext());
395
396
                         no = no + 1;
                         double newPricePa =(priceParacetamol)*Paracetamol;
397
                         taReceipt.append("\t"+no+"\tParacetamol\t\t
398
   Paracetamol+"\t\t"+df.format(newPricePa)+"\n");
                         total = total + newPricePa;
400
                     if(cbDyrito.isSelected())
401
402
                         int Dyrito = Integer.parseInt(tfDyrito.getText());
403
404
                         no = no + 1;
405
                         double newPriceDy = (priceDyrito)*Dyrito;
                         taReceipt.append("\t"+no+"\tDyrito Tablet\t\t
406
    + Dyrito+"\t\t"+df.format(newPriceDy)+"\n");
                         total = total + newPriceDy;
407
408
                     if(cbZelox.isSelected())
410
                         int Zelox = Integer.parseInt(tfZelox.getText());
411
                         no = no + 1;
412
                         double newPriceZe =(priceZelox)*Zelox;
413
                         taReceipt.append("\t"+no+"\tZelox-II\t\t
                                                                           "+ Zel
414
   ox+"\t\t"+df.format(newPriceZe)+"\n");
                         total = total + newPriceZe;
415
416
                     if(cbMexomide.isSelected())
417
418
                         int Mexomide = Integer.parseInt(tfMexomide.getText())
419
                         no = no + 1;
420
421
                         double newPriceMe = (priceMexomide) *Mexomide;
422
                         taReceipt.append("\t"+no+"\tMexomide Tablet\t
   + Mexomide+"\t\t"+df.format(newPriceMe)+"\n");
                         total = total + newPriceMe;
423
424
                    if(cbHyomide.isSelected())
425
426
                         int Hyomide = Integer.parseInt(tfHyomide.getText());
427
                         no = no + 1;
428
                         double newPriceHy =(priceHyomide)*Hyomide;
429
430
                         taReceipt.append("\t"+no+"\tHyomide
                                                                      Tablet\t\t
    "+ Hyomide+"\t\t"+df.format(newPriceHy)+"\n");
                         total = total + newPriceHy;
431
432
                     if(cbNazin.isSelected())
433
434
                         int Nazin = Integer.parseInt(tfNazin.getText());
435
436
                         no = no + 1;
                         double newPriceNa = (priceNazin) *Nazin;
437
```

```
taReceipt.append("\t"+no+"\tNazin Tablet\t\t
438
    Nazin+"\t\t"+df.format(newPriceNa)+"\n");
                         total = total + newPriceNa;
439
440
                    if(cbUphalyte.isSelected())
441
                         int Uphalyte = Integer.parseInt(tfUphalyte.getText())
443
                        no = no + 1;
111
                         double newPriceUp =(priceUphalyte)*Uphalyte;
445
                        taReceipt.append("\t"+no+"\tUphalyte Orange\t
446
   + Uphalyte+"\t\t"+df.format(newPriceUp)+"\n");
                        total = total + newPriceUp;
447
448
                    if(cbOriginal.isSelected())
449
450
                         int Original = Integer.parseInt(tfOriginal.getText())
451
                         no = no + 1;
452
                        double newPriceOr =(priceOriginal)*Original;
453
                         taReceipt.append("\t"+no+"\tUphalyte Original\t
454
     "+ Original+"\t\t"+df.format(newPriceOr)+"\n");
                         total = total + newPriceOr;
455
456
                    if(cb1.isSelected())
457
458
                         int n1 = Integer.parseInt(tf1.getText());
459
                        no = no + 1;
                        double newPrice1 =(price1)*n1;
461
                         taReceipt.append("\t"+no+"\tAbacavir
                                                                Sulfate\t\t
462
      "+ n1+"\t\t"+df.format(newPrice1)+"\n");
                         total = total + newPrice1;
463
464
                    if(cb2.isSelected())
465
466
467
                         int n2 = Integer.parseInt(tf2.getText());
468
                        no = no + 1;
                        double newPrice2 =(price2)*n2;
469
                        taReceipt.append("\t"+no+"\tBionect
                                                                 Cream,
                                                                            Gel\t
470
      "+ n2+"\t\t"+df.format(newPrice2)+"\n");
471
                         total = total + newPrice2;
472
                    if(cb3.isSelected())
473
474
475
                         int n3 = Integer.parseInt(tf3.getText());
476
                        no = no + 1;
                        double newPrice3 =(price3)*n3;
477
                         taReceipt.append("\t"+no+"\tCytogam\t\t
478
                                                                         "+ n3+"
   \t\t"+df.format(newPrice3)+"\n");
```

```
total = total + newPrice3;
479
480
                     if(cb4.isSelected())
481
482
                         int n4 = Integer.parseInt(tf4.getText());
483
                         no = no + 1;
                         double newPrice4 =(price4)*n4;
485
                         taReceipt.append("\t"+no+"\tDarvon Compound\t
486
    + n4+"\t\t"+df.format(newPrice4)+"\n");
                         total = total + newPrice4;
487
488
489
                     if(cb5.isSelected())
490
                         int n5 = Integer.parseInt(tf5.getText());
491
                         no = no + 1;
492
                         double newPrice5 =(price5)*n5;
493
                         taReceipt.append("\t"+no+"\tEurax\t\t
                                                                       "+ n5+"\t
494
    \t"+df.format(newPrice5)+"\n");
                         total = total + newPrice5;
495
496
                     if(cb6.isSelected())
497
498
                         int n6 = Integer.parseInt(tf6.getText());
499
                         no = no + 1;
500
                         double newPrice6 =(price6)*n6;
501
                         taReceipt.append("\t"+no+"\tFortesta\t\t
                                                                            "+ n6+
502
    "\t\t"+df.format(newPrice6)+"\n");
                         total = total + newPrice6;
503
504
                     if(cb7.isSelected())
505
506
507
                         int n7 = Integer.parseInt(tf7.getText());
                         no = no + 1;
508
                         double newPrice7 =(price7)*n7;
509
                         taReceipt.append("\t"+no+"\t0xsoralen-Ultra\t\t
510
     "+ n7+"\t\t"+df.format(newPrice7)+"\n");
511
                         total = total + newPrice7;
512
                     if(cb8.isSelected())
513
514
515
                         int n8 = Integer.parseInt(tf8.getText());
                         no = no + 1;
516
                         double newPrice8 =(price8)*n8;
517
                         taReceipt.append("\t"+no+"\tSulfasalazine Tablet\t
518
        "+ n8+"\t\t"+df.format(newPrice8)+"\n");
519
                         total = total + newPrice8;
520
                     if(cb9.isSelected())
521
522
```

```
523
                         int n9 = Integer.parseInt(tf9.getText());
524
                         no = no + 1;
                         double newPrice9 =(price9)*n9;
525
                         taReceipt.append("\t"+no+"\tYellow Fever
526
                                                                         Vaccine\t
        "+ n9+"\t\t"+df.format(newPrice9)+"\n");
527
                         total = total + newPrice9;
528
                     if(cb10.isSelected())
529
530
                         int n10 = Integer.parseInt(tf10.getText());
531
                         no = no + 1;
532
533
                         double newPrice10 =(price10)*n10;
                         taReceipt.append("\t"+no+"\tLidocaine\t\t
                                                                              "+ n1
534
    0+"\t\t"+df.format(newPrice10)+"\n");
                         total = total + newPrice10;
535
536
537
538
                 taReceipt.append("\n\t\t\t\t
                                                                Total
                                                                              "+df.
539
   format(total));
                 taReceipt.append("\n\t\t Thank you Come again ");
540
                 taReceipt.append("\n\t\t May the force be with you");
541
542
            }
543
544
            //if click button Exit
545
            else if(e.getSource() == btnExit)
546
547
                 System.exit(-1);
548
549
            //if click button Clear
550
            else if(e.getSource() == btnClear)
551
552
                 tfCashierName.setText("");
553
                 taReceipt.setText("");
554
                 cbBena.setSelected(false);
555
556
                 cbTussidex.setSelected(false);
                 cbParacetamol.setSelected(false);
557
                 cbDyrito.setSelected(false);
558
                 cbZelox.setSelected(false);
559
560
                 cbMexomide.setSelected(false);
                 cbHyomide.setSelected(false);
561
                 cbNazin.setSelected(false);
562
                 cbUphalyte.setSelected(false);
563
                 cbOriginal.setSelected(false);
564
565
                 cb1.setSelected(false);
                 cb2.setSelected(false);
566
                 cb3.setSelected(false);
567
                 cb4.setSelected(false);
568
```

```
Class Pharmacy (continued)
                                                                                  14/14
                 cb5.setSelected(false);
570
                 cb6.setSelected(false);
                 cb7.setSelected(false);
571
                 cb8.setSelected(false);
572
                 cb9.setSelected(false);
573
                 cb10.setSelected(false);
574
                 tfBena.setText("*");
575
                 tfTussidex.setText("*");
576
                 tfDyrito.setText("*");
577
                 tfParacetamol.setText("*");
578
                 tfZelox.setText("*");
579
                 tfMexomide.setText("*");
580
                 tfHyomide.setText("*");
581
                 tfNazin.setText("*");
582
                 tfUphalyte.setText("*");
583
                 tfOriginal.setText("*");
584
                 tf1.setText("*");
585
                 tf2.setText("*");
586
                 tf3.setText("*");
587
                 tf4.setText("*");
588
589
                 tf5.setText("*");
                 tf6.setText("*");
590
                 tf7.setText("*");
591
                 tf8.setText("*");
592
                 tf9.setText("*");
593
                 tf10.setText("*");
594
                 rbMember.setSelected(false);
595
                 rbNonMember.setSelected(false);
596
597
             }
598
599
600
        }
601
602
603
604
```