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1 // LineArt.java
2 // Student version of the Lab06 Line Art Graphics Program
  assignment.
3
4 import java.awt.*;
5
6
7 public class LineArt extends Applet
8 {
9     public void paint(Graphics g)
10    {
11        int width = 980;
12        int height = 630;
13        g.drawRect(10,10,width,height);
14
15        // Draw bottom-left corner
16
17
18        int x = 10;
19        int y = 10;
20
21        for (int i = 0; i <= 70; i ++ ) {
22            g.drawLine (10, y, x, 640);
23            y = y +9;
24            x = x + 14;
25        }
26
27
28        // Draw bottom-right corner
29
30        x = 990;
31        y = 10;
32
33        for (int i = 0; i <= 70; i ++ ) {
34            g.drawLine (990, y, x, 640);
35
36            y = y + 9;
37            x = x - 14;
38        }
39
40        // Draw top-right corner
41
42        x = 10;
43        y = 640;
44
```

```
45  for (int i = 0; i <= 70; i ++ ) {
46      g.drawLine (10, y, x, 10);
47
48      y = y - 9;
49      x = x + 14;
50  }
51
52  // Draw top-left corner
53
54  x = 990;
55  y = 640;
56
57  for (int i = 0; i <= 70; i ++ ) {
58      g.drawLine (990, y, x, 10);
59
60      y = y - 9;
61      x = x - 14;
62  }
63
64
65
66  // Draw bottom-left corner of small one
67
68  x = 255;
69  y = 168;
70
71  for (int i = 0; i <= 35; i ++ ) {
72      g.drawLine (255, y, x, 480);
73
74      y = y + 9;
75      x = x + 14;
76  }
77
78
79
80  // Draw bottom-right corner of small one
81
82  x = 744;
83  y = 168;
84
85  for (int i = 0; i <= 35; i ++ ) {
86      g.drawLine (744, y, x, 480);
87
88      y = y + 9;
```

```
89     x = x - 14;
90 }
91
92 // Draw top-right corner of small one
93
94 x = 744;
95 y = 480;
96
97 for (int i = 0; i <= 35; i ++) {
98     g.drawLine (744, y, x, 168);
99
100     y = y - 9;
101     x = x - 14;
102 }
103
104
105 // Draw top-left corner of small one
106
107 x = 255;
108 y = 480;
109
110 for (int i = 0; i <= 35; i ++) {
111     g.drawLine (255, y, x, 168);
112
113     y = y - 9;
114     x = x + 14;
115 }
116
117
118
119
120 }
121 }
122
```