```java
1  package intro;
2
3  import java.applet.Applet;
6
7  public class LineArtGraphics extends Applet {
8
9      /**
10      *
11      */
12     private static final long serialVersionUID = 1L;
13
14     public void paint(Graphics g) {
15
16         // large box variables
17         int width = 990;
18         int xStart = 10;
19         int y = 630;
20         int w = 990;
21         int h = 630;
22
23         // small box variables
24         int xSmall = 270;
25         int width1 = 730;
26         int w1 = 730;
27         int y1 = 475;
28         int h1 = 475;
29         int height1 = 155;
30
31         g.fillRect(10, 10, 980, 620);
32         g.setColor(Color.red);
33         g.drawRect(270, 155, 460, 320);
34
35         // small box
36
37         // top right small
38         for (int a = 0; a <= 350; a = a + 10) {
39             g.setColor(Color.red);
40             g.drawLine(w1, 155, 730, h1);
41             w1 = w1 - 14;
42             h1 = h1 - 9;
43         }
44         // top left small
45         for (int x = 270; x <= 740; x = x + 14) {
46             y1 = y1 - 9;
47             g.setColor(Color.red);
48             g.drawLine(270, y1, x, 155);
49         }
50         // bottom right small
51         for (int b = 0; b <= 340; b = b + 10) {
52             width1 = width1 - 14;
53             height1 = height1 + 9;
54             g.setColor(Color.red);
55             g.drawLine(width1, 475, 730, height1);
56         }
57         // bottom left small
58         for (int ySmall = 155; ySmall <= 470; ySmall = ySmall + 9) {
59             xSmall = xSmall + 14;
```

```java
60            g.setColor(Color.red);
61            g.drawLine(270, ySmall, xSmall, 475);
62        }
63
64        // large box
65
66        // top right
67        while (h > xStart) {
68            g.setColor(Color.orange);
69            g.drawLine(w, 10, 990, h);
70            w = w - 14;
71            h = h - 9;
72        }
73        // top left
74        for (int x = 10; x <= 950; x = x + 14) {
75            y = y - 9;
76            g.setColor(Color.cyan);
77            g.drawLine(10, y, x, 10);
78        }
79        // bottom right
80        for (int height = 10; height <= 630; height = height + 9) {
81            width = width - 14;
82            g.setColor(Color.green);
83            g.drawLine(width, 630, 990, height);
84        }
85        // bottom left
86        for (int yStart = 10; yStart <= 630; yStart = yStart + 9) {
87            xStart = xStart + 14;
88            g.setColor(Color.magenta);
89            g.drawLine(10, yStart, xStart, 630);
90        }
91    }
92 }
```