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// LineArt.java
// Student version of the Lab06 Line Art Graphics Program assignment.
import java.awt.*;
import java.applet.*;
public class LineArt extends Applet {
    public void paint(Graphics g) {
        int width = 980;
        int height = 630;
        int height2 = 640;
        int width3 = 990;
        int widthChange2 = 10;
        int heightChange2 = 640;
        g.drawRect(10,10,width,height);
        for (int i = 0; i <= 70; i++) {
            g.drawLine(widthChange2, height2, width3, heightChange2);
            widthChange2 += 14;
            heightChange2 -= 9;
        }
        widthChange2 = 10;
        width3 = 990;
        heightChange2 = 640;
        height2 = 640;
        for (int i = 0; i <= 70; i++) {
            g.drawLine(width3, height2, widthChange2, heightChange2);
            width3 -= 14;
            heightChange2 -= 9;
        }
        width3 = 10;
        widthChange2 = 990;
        height2 = 10;
        heightChange2 = 10;
        for (int i = 0; i <= 70; i++) {
            g.drawLine(width3, height2, widthChange2, heightChange2);
            width3 += 14;
            heightChange2 += 9;
        }
        width3 = 10;
        widthChange2 = 990;
        height2 = 10;
        heightChange2 = 10;
        for (int i = 0; i <= 70; i++) {
            g.drawLine(widthChange2, height2, width3, heightChange2);
            widthChange2 -= 14;
            heightChange2 += 9;
        }
        g.drawRect(255, 168, 490, 315);
        width3 = 745;
        widthChange2 = 255;
        height2 = 168;
        heightChange2 = 168;
        for (int i = 0; i <= 35; i++) {
            g.drawLine(widthChange2, height2, width3, heightChange2);
            width3 -= 14;
            height2 += 9;
        }
        width3 = 255;
        widthChange2 = 745;
        height2 = 483;
        heightChange2 = 483;
        for (int i = 0; i <= 35; i++) {
            g.drawLine(widthChange2, height2, width3, heightChange2);
            width3 += 14;
            height2 -= 9;
        }
        width3 = 745;
        widthChange2 = 255;
    }
}

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height2 = 483;
heightChange2 = 483;
for (int i = 0; i <= 35; i++) {
    g.drawLine(widthChange2, height2, width3, heightChange2);
    width3 -= 14;
    height2 -= 9;
}
width3 = 745;
widthChange2 = 745;
height2 = 168;
heightChange2 = 483;
for (int i = 0; i <= 35; i++) {
    g.drawLine(widthChange2, height2, width3, heightChange2);
    widthChange2 -= 14;
    heightChange2 -= 9;
}
}
```