```java
// Line Art Program
import java.awt.Graphics;
import java.applet.Applet;

public class LineArt extends Applet {

        public void paint(Graphics g) {

                setSize(1000, 650);

                // Outer lines
                int width = 980;
                int height = 630;
                g.drawRect(10, 10, width, height);

                int initialX = 10;
                int initialY = 10;
                int incrementY = 10;
                int incrementX = (incrementY * width / height);
                int startingX = 0;
                int startingY = 0;

                // Bottom Left
                startingX = initialX;
```

```java
startingY = initialY;
for (int i = 0; i < 63; i++) {
        g.drawLine(startingX, startingY + (i * incrementY), startingX + (i * incrementX),
        height + initialY);
}

// Bottom Right
startingX = initialX + width;
startingY = initialY;
for (int i = 0; i < 63; i++) {
        g.drawLine(startingX, startingY + (i * incrementY), startingX - (i * incrementX),
        height + initialY);
}

// Top Left
startingX = initialX;
startingY = initialY + height;
for (int i = 0; i < 63; i++) {
        g.drawLine(startingX, startingY - (i * incrementY), startingX + (i * incrementX),
        initialY);
}

// Top Right
startingX = initialX + width;
startingY = initialY + height;
for (int i = 0; i < 63; i++) {
        g.drawLine(startingX, startingY - (i * incrementY), startingX - (i * incrementX),
        initialY);
}

// Inner lines
int widthSmall = 490;
int heightSmall = 327;
g.drawRect(255, 161, widthSmall, heightSmall);

int initialXSmall = 255;
int initialYSmall = 161;
int incrementYSmall = 7;
int incrementXSmall = (incrementYSmall * widthSmall / heightSmall);
int startingXSmall = 0;
int startingYSmall = 0;

// Bottom Left
startingXSmall = initialXSmall;
startingYSmall = initialYSmall;
for (int j = 0; j < 47; j++) {
        g.drawLine(startingXSmall, startingYSmall + (j * incrementYSmall), startingXSmall
        + (j * incrementXSmall),  heightSmall + initialYSmall);
```

```
        }

        // Bottom Right
        startingXSmall = initialXSmall + widthSmall;
        startingYSmall = initialYSmall;
        for (int j = 0; j < 47; j++) {
                g.drawLine(startingXSmall, startingYSmall + (j * incrementYSmall), startingXSmall
                - (j * incrementXSmall),  heightSmall + initialYSmall);
        }

        // Top Left
        startingXSmall = initialXSmall;
        startingYSmall = initialYSmall + heightSmall;
        for (int j = 0; j < 47; j++) {
                g.drawLine(startingXSmall, startingYSmall - (j * incrementYSmall), startingXSmall
                + (j * incrementXSmall), initialYSmall);
        }

        // Top Right
        startingXSmall = initialXSmall + widthSmall;
        startingYSmall = initialYSmall + heightSmall;
        for (int j = 0; j < 47; j++) {
                g.drawLine(startingXSmall, startingYSmall - (j * incrementYSmall), startingXSmall
                - (j * incrementXSmall),  initialYSmall);

        }

    }
}
```