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package exercises;
import java.awt.*;
import java.applet.*;
public class Lab6 extends Applet{
    public void paint(Graphics g)
    {
        int width = 980;
        int height = 630;
        g.drawRect(10,10,width,height);
        // Draw bottom-left corner
        for(int i = 0; i<=(70);i++) {
            int hchange = i*9;
            int wchange = i*14;
            g.drawLine(((10+width)-wchange), (height+10), (10), ((height+10))-hchange);
        }
        // Draw bottom-right corner
        for(int i = 0; i<=(70);i++) {
            int hchange = i*9;
            int wchange = i*14;
            g.drawLine((10+wchange), (height+10), (width+10), ((height+10))-hchange);
        }
        // Draw top-right corner
        for(int i = 0; i<=(70);i++) {
            int hchange = i*9;
            int wchange = i*14;
            g.drawLine((10+wchange), (10), (width+10), ((10))+hchange);
        }
        // Draw top-left corner
        for(int i = 0; i<=(70);i++) {
            int hchange = i*9;
            int wchange = i*14;
            g.drawLine(((10+width)-wchange), (10), (10), ((10))+hchange);
        }
        // Smaller Rectangle
        int swidth = 212;
        int sheight = 195;
        int inwidth = 576;
        int inheight = 255;
        g.drawRect(swidth,sheight,inwidth,inheight);
        for(int i = 0; i<=(28);i++) {

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        int hchange = i*9;
        int wchange = i*14;
        g.drawLine(((inwidth+swidth)-wchange), (447), (swidth+inwidth),
(sheight+(hchange))));
    }
    for(int i = 0; i<=(28);i++) {
        int hchange = i*9;
        int wchange = i*14;
        g.drawLine(((615)-wchange), (192), (swidth), (sheight+(hchange))));
    }
    for(int i = 0; i<=(28);i++) {
        int hchange = i*9;
        int wchange = i*14;
        g.drawLine(((swidth)+wchange), (447), (swidth), (sheight+(hchange))));
    }
    for(int i = 0; i<=(28);i++) {
        int hchange = i*9;
        int wchange = i*14;
        g.drawLine(((375)+wchange), (swidth), (swidth+inwidth), (sheight+(hchange))));
    }
}
}
}

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