

```
public class DrawPanel extends javax.swing.JPanel
{
    public DrawPanel()
    {
        initComponents();
    }

    public void paintComponent(Graphics g)
    {
        int size = 8;
        int w = getWidth();
        int h = getHeight();

        // Peindre l'arrière fond
        g.setColor(Color.WHITE);
        g.fillRect(0, 0, w, h);

        double l = Math.min(w, h) - 1;
        double cellSize = l / size;

        // Calculer les décalages
        double offsetLeft = (w - (cellSize * size)) / 2;
        double offsetTop = (h - (cellSize * size)) / 2;

        // Noir: la couleur de la grille
        double c, r;
        for (int i = 0; i < size; i++)
        {
            r = (i * cellSize);
            for (int j = 0; j < size; j++)
            {
                c = (j * cellSize);
                if ((i + j) % 2 == 1)
                {
                    g.setColor(Color.GRAY);
                    g.fillRect((int) (offsetLeft + c), (int) (offsetTop + r), (int) cellSize, (int) cellSize);
                }
                g.setColor(Color.BLACK);
                g.drawRect((int) (offsetLeft + c), (int) (offsetTop + r), (int) cellSize, (int) cellSize);
            }
        }
    }
}

// Skipped: ... initComponents { ... }
// Variables declaration - do not modify//GEN-BEGIN:variables
// End of variables declaration//GEN-END:variables
}
```

```
public class MainFrame extends javax.swing.JFrame
{
    public MainFrame()
    {
        initComponents();
    }
// Skipped: ... initComponents { ... }
// Skipped: ... Look & Feel
// Variables declaration - do not modify//GEN-BEGIN:variables
private DrawPanel drawPanel;
// End of variables declaration//GEN-END:variables
}
```