

```
import java.awt.Color;
import java.awt.Graphics;
public class Checkers
{
    public void draw(Graphics g, int width, int height)
    {
        int size = 8;
        int w = width;
        int h = height;

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

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

        // Noir: la couleur de la grille
        int 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(offsetLeft + c, offsetTop + r, cellSize, cellSize);
                }
                g.setColor(Color.BLACK);
                g.drawRect(offsetLeft + c, offsetTop + r, cellSize, cellSize);
            }
        }
    }
}
```

```
import java.awt.Color;
import java.awt.Graphics;
public class DrawPanel extends javax.swing.JPanel
{
    private Checkers checkers = null;

    public void setCheckers(Checkers checkers)
    {
        this.checkers = checkers;
    }

    public DrawPanel()
    {
        initComponents();
    }

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

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

        if (checkers != null)
            checkers.draw(g, w, h);
    }
    // Skipped: ... initComponents { ... }
    // Skipped: ... graphic attributes
}
```

```
public class MainFrame extends javax.swing.JFrame
{
    private Checkers checkers = new Checkers();

    public MainFrame()
    {
        initComponents();
        drawPanel.setCheckers(checkers);
    }
    // Skipped: ... initComponents { ... }
    // Skipped: ... Look & Feel
    // Skipped: ... graphic attributes
}
```