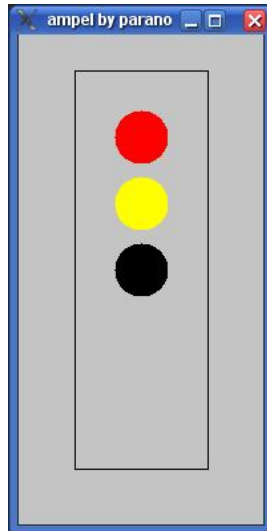


java ampel

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1 Source

```
import java.awt.*;

class ampel extends Frame {

// simuliert ampel1 und ampel2 mit 3 Farben und ampel3 mit 2 Farben

    boolean a1r=true;    // rot
    boolean a1e=true;    // gelb
    boolean a1n=true;    // gruen
    boolean a2r=true;
    boolean a2e=true;
    boolean a2n=true;
    boolean a3r=true;
    boolean a3n=true;

    ampel (){
        this.setLocation(0,0);
        this.setTitle("ampel by worgtsone.scienceontheweb.net");
        this.setSize(200,400);
        this.setVisible(true);
        while (true) {
            repaint();
        }
    }
}
```

```
        try {Thread.sleep(500);} catch (Exception e){}
        if (Math.random()>0.5) a1r=true; else a1r=false;
        if (Math.random()>0.5) a1e=true; else a1e=false;
        if (Math.random()>0.5) a1n=true; else a1n=false;
    }
}

public void paint(Graphics g){
    g.drawLine(50,50,50,350);
    g.drawLine(50,350,150,350);
    g.drawLine(150,350,150,50);
    g.drawLine(150,50,50,50);
    if (a1r) g.setColor(Color.RED); else g.setColor(Color.BLACK);
    g.fillOval (80,80,40,40);
    if (a1e) g.setColor(Color.YELLOW); else g.setColor(Color.BLACK);
    g.fillOval (80,130,40,40);
    if (a1n) g.setColor(Color.GREEN); else g.setColor(Color.BLACK);
    g.fillOval (80,180,40,40);
}

public static void main (String[]args) {
    System.out.println ("ampel by worgtsone.scienceontheweb.net");
    new ampel();
}}}
```