


a)

```
import java.applet.Applet;
import java.awt.Button;
import java.awt.Color;
import java.awt.Graphics;
import java.awt.TextField;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
//<applet code="traffic.class" width="500" height="700" border="5"></applet>
public class traffic extends Applet implements ActionListener
{
    Button b1;
    public void paint(Graphics g)
    {
        g.setColor(Color.lightGray);
        g.fillRect(150,150,50,150);
        g.setColor(Color.red);
        g.fillOval(150,150,50,50);
        g.setColor(Color.yellow);
        g.fillOval(150,200,50,50);
        g.setColor(Color.green);
        g.fillOval(150,250,50,50);
    }
    public void actionPerformed(ActionEvent e)
    {
        e.actionPerformed(b1);
    }
}
```

## Output

 Applet Viewer: s2.traffic.class

Applet

