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package exam;
import java.applet.*;
import java.awt.*;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import java.util.EventObject;
public class house extends Applet implements ActionListener{
    Button b1,b2;
    public void init()
    {
        b1=new Button("DAY");
        b2=new Button("NIGHT");
        b1.setBounds(125,120,220,20);
        b2.setBounds(125,120,220,20);
        add(b1);
        add(b2);
        b1.addActionListener(this);
        b2.addActionListener(this);
    }
    public void actionPerformed(ActionEvent e)
    {
        if(e.getSource()==b1)
        {
            System.out.println("MALE");
        }
        try{
            FileReader fr=new FileReader("day.txt");
            fr.read();
            ArrayList<String> list=new ArrayList<String>();
            list.addAll((Collection<? extends String>) fr);
            System.out.println(list);
        }
        catch(Exception e)
        {
            e.printStackTrace();
        }
    }
}
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    }
    if(e.getSource()==b2)
    {
        System.out.println("FEMALE");
    }
}

public void paint(Graphics g)
{
    g.drawRect(270,145,435,320);
    int x[]={460,515,400};
    int y[]={255,355,355};
    g.setColor(Color.GRAY);
    g.fillPolygon(x,y,3);//roof
    g.setColor(Color.CYAN);
    g.fillRect(404,355,105,105);//housebottom
    g.setColor(Color.BLUE);
    g.fillRect(435,380,40,80);//door
    if(b1.isEnabled())
    {
        g.setColor(Color.YELLOW);
        g.fillOval(290,180,80,65);//sun
    }
    //if(b2.isEnabled())
    {
        //g.setColor(Color.GRAY);
        //g.fillOval(290,180,80,65);//sun
    }//
}

}

```

