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ROLL NO: 235,MCA

REG.NO:TKM20MCA-2035

OBJECT ORIENTED PROGRAMMING LAB –EXTERNAL EXAMINATION

PROGRAM CODE:

```
package external_exam;
import java.applet.*;
import java.awt.*;
import java.awt.event.*;
import java.util.*;
import java.io.*;

public class Home extends Applet implements ActionListener{
    Label l1;
    Button b1,b2;
    int i;
    public void init(){
        l1=new Label();
        b1=new Button("DAY");
        b2=new Button("NIGHT");
        add(l1);
        add(b1);
        add(b2);

        Choice ch=new Choice();
        ch.add("DAY");
        ch.add("Night");
    }

    public void actionPerformed(ActionEvent e){
    }

    public void paint(Graphics g){
        g.setColor(Color.red);
        g.drawRect(100, 200, 100, 100);
        g.fillRect(100, 200, 100, 100);
        int x[]={100,200,150};
        int y[]={200,200,50};
        g.drawPolygon(x, y, 3);
        g.setColor(Color.black);
        g.fillPolygon(x, y, 3);
        g.setColor(Color.pink);
        g.fillRect(125, 250, 20,40);
        g.setColor(Color.yellow);
        g.fillOval(20, 20, 40, 40);
    }
}
```

```

}

/*
<applet code ="Home.class" width="300" height="500">
</applet>
*/

package external_exam;

import java.io.File;
import java.io.FileNotFoundException;
import java.io.PrintStream;
import java.util.ArrayList;

public class Student {
    public static void main(String[] args) throws FileNotFoundException {

        ArrayList<String>obj=new ArrayList<String>();

        {
            File file=new
File("C:\\Users\\Adminis\\Desktop\\MCA235\\DAY.txt");
            PrintStream stream = new PrintStream(file);
            System.setOut(stream);
            System.out.println("List of male students");
            obj.add("Amal");
            obj.add("aswin");
            obj.add("Robin");
            obj.add("jomin");
            System.out.println(obj);

        }

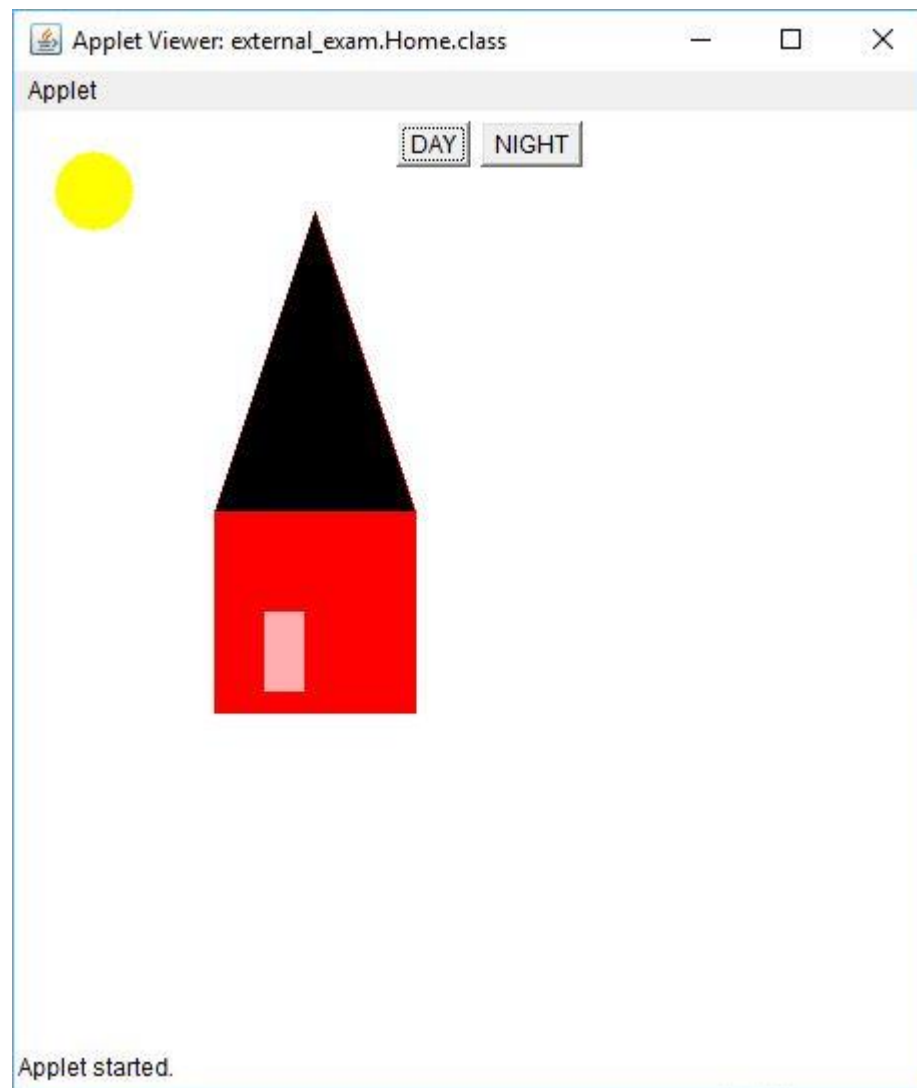
        ArrayList<String>obj1=new ArrayList<String>();
        {
            File file=new
File("C:\\Users\\Adminis\\Desktop\\MCA235\\NIGHT.txt");
            PrintStream stream = new PrintStream(file);
            System.setOut(stream);
            System.out.println("List of female students");
            obj1.add("Anila");
            obj1.add("Shalima");
            obj1.add("Riya");
            obj1.add("Nandana");
            System.out.println(obj1);

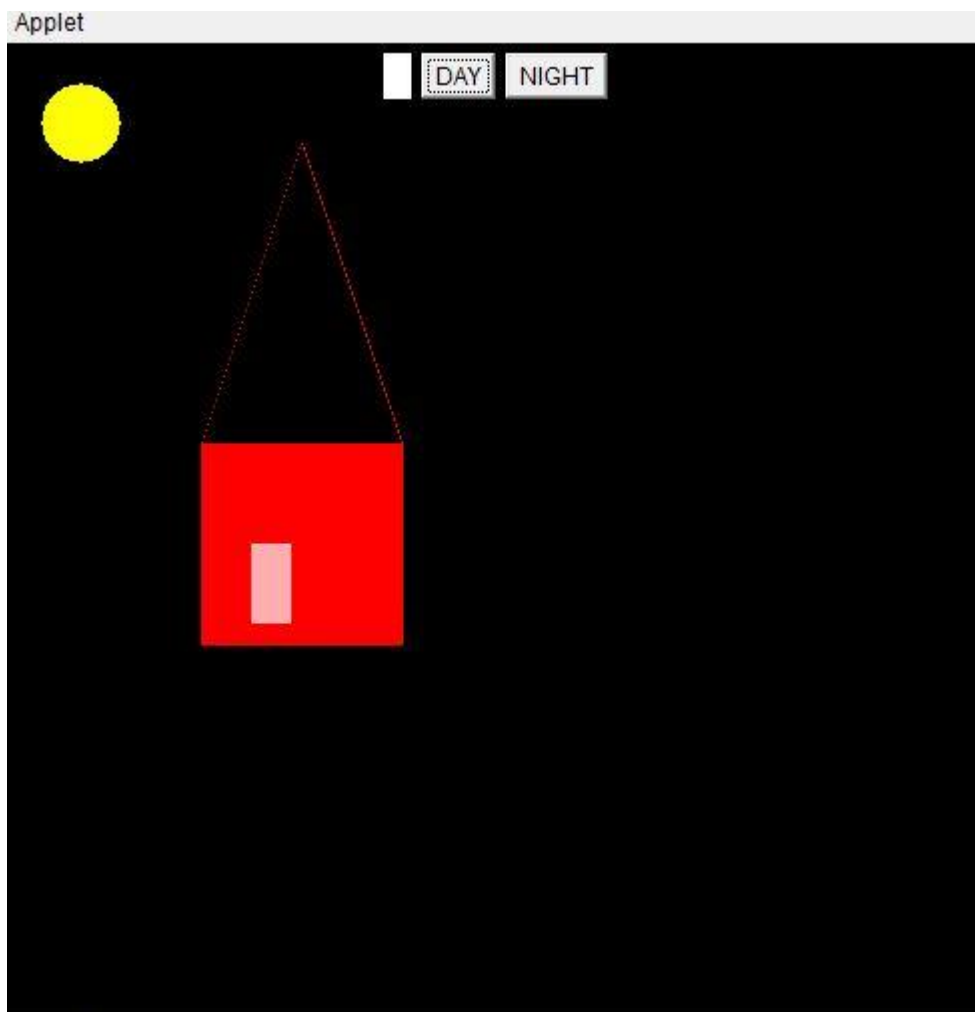
        }

    }
}

```

OUTPUT:





Applet started.

