OBJECT ORIENTED PROGRAMMING LAB

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PROGRAM CODE:

```
 package myproject;

import java.applet.Applet;
import java.awt.Button;
import java.awt.Color;
import java.awt.Event;
import java.awt.Graphics;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
import java.io.InputStream;
import java.io.InputStreamReader;
import java.io.OutputStreamWriter;


public class traffic_light extends Applet implements ActionListener{
        Button b1,b2,b3;

 public void init(){
          b1=new Button("RED");
          b2=new Button("YELLOW");
          b3=new Button("GREEN");
          add(b1);
          add(b2);
          add(b3);


}
        /**
         *
         */
        private static final long serialVersionUID = 1L;


  public void paint(Graphics g){
            b1.setBounds(600,100,100,40);
            b2.setBounds(500,100,100,40);
            b3.setBounds(400,100,100,40);
            g.setColor(Color.YELLOW);
            g.fillOval(100, 200, 100, 130);
            g.setColor(Color.GREEN);
            g.fillOval(100, 300, 100, 130);
            g.setColor(Color.RED);
```

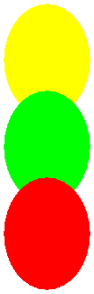
```
            g.fillOval(100, 400, 100, 130);
            }
@Override
public void actionPerformed(ActionEvent e) {
        try{
                InputStreamReader read=new InputStreamReader(null, "E:\\1st.txt");
                OutputStreamWriter f1=new OutputStreamWriter(null, "E:\\number.txt");
                OutputStreamWriter f2=new OutputStreamWriter(null, "E:\\number2.txt");
      int i;
                if(i.(reader.read())!= null){
          if(i%2=0){
                f1.write(i);
                else{
                        f2.write(i);


          }
      }




          }

}
}
}
```

OUTPUT

Applet Viewer: myproject.traffic_light.class

Applet

GREEN | YELLOW | RED



Applet started.