**Object oriented programming lab**

**Submitted by**

**AMJIYAD AHSAN K S**

**TKM20MCA-2006**

**Code:**

package oops;

import java.applet.Applet;

import java.awt.Button;

import java.awt.Color;

import java.awt.Graphics;

import java.awt.Label;

import java.awt.event.ActionEvent;

import java.awt.event.ActionListener;

import java.io.BufferedReader;

import java.io.BufferedWriter;

import java.io.File;

import java.io.FileReader;

import java.io.FileWriter;

import java.nio.CharBuffer;

import java.util.ArrayList;

import java.util.Collection;

import java.util.Collections;

import java.util.List;

import javax.swing.plaf.basic.BasicBorders.RadioButtonBorder;

import org.omg.CORBA.ExceptionList;

public class traffic extends Applet implements ActionListener{

RadioButtonBorder r1,r2,r3;

Label l1,l2,l3;

Button b1,b2,b3;

int s1,s2,s3;

public void init()

{

setLayout(null);

b1=new Button("red");

b1.setBounds(30,30,100,80);

add(b1);

b2=new Button("yellow");

b2.setBounds(30,80,100,80);

add(b2);

b3=new Button("green");

b3.setBounds(30,150,100,80);

add(b3);

b1.addActionListener(this);

b2.addActionListener(this);

b3.addActionListener(this);

}

public void paint(Graphics g)

{

//g.drawOval(50, 50,100,100);

g.setColor(Color:red);

g.fillOval(50, 50,100,100);

}

@Override

public void actionPerformed(ActionEvent ar) {

if(ar.getSource()==b1)

{

try{

FileReader f1=new FileReader("ev.txt");

f1.read();

System.out.print(f1);

f1.close();

}catch (Exception e){}

}

else if(ar.getSource()==b2)

{

try{

FileReader f2=new FileReader("od.txt");

s2=f2.read();

System.out.println(s2);

f2.close();

}catch (Exception e){}

}

else if(ar.getSource()==b3)

{

try{

FileReader f3=new FileReader("all.txt");

s3=f3.read();

System.out.print(s3);

f3.close();

}catch (Exception e){}

}

else{

System.out.print("click the correct button");

}

}

public static void main(String argS[])

{

ArrayList<Integer> i=new ArrayList<>();

i.add(1);

i.add(2);

i.add(3);

i.add(4);

i.add(5);

for(int j=0;j<4;j++)

{

if(j%2==0)

{

try{

FileWriter w1=new FileWriter("ev.txt",true);

w1.write(j);

w1.close();

}catch (Exception e){};

}

else if(j%2!=0)

{

try{

FileWriter w2=new FileWriter("od.txt",true);

w2.write(j);

w2.close();

}catch (Exception e){};

}

else{

try{

FileWriter w3=new FileWriter("all.txt",true);

w3.write(j);

w3.close();

}catch (Exception e){};

}

}

}

}

Output:

