**SHAD IBRAHIM N P**

**TKM20MCA-2034**

**MCA234**

**OOPS PROGRAMMING LAB**

**CODE**

**package** oops;

**import** java.applet.Applet;

**import** java.awt.Color;

**import** java.awt.Graphics;

**import** java.awt.Label;

**import** java.awt.event.ActionEvent;

**import** java.awt.event.ActionListener;

**import** javax.swing.JButton;

**public** **class** terminat **extends** Applet **implements** ActionListener

{

JButton b1;

Label t1;

**public** **void** init()

{

setLayout(**null**);

b1=**new** JButton("DAY");

b1.setBounds(500,300,50,60);

b1.setBackground(Color.***black***);

add(b1);

b1.addActionListener(**this**);

}

**public** **void** paint(Graphics g)

{

g.drawRect(200,400,200,700);

g.setColor(Color.***cyan***);

g.fillRect(200,400,200,700);

g.drawRect(200,400,100,500);

g.setColor(Color.***red***);

g.fillRect(250,600,100,200);

g.drawOval(900,20,50,50);

g.setColor(Color.***yellow***);

g.fillOval(900,20,50,50);

}

**public** **void** actionPerformed(ActionEvent arg0) {

**if**(arg0.getSource()==b1)

{

System.***out***.println("Night");

Graphics t=getGraphics();

t.setColor(Color.***black***);

t.setPaintMode();

}

}

**public** **static** **void** main(String[] args) {

terminat th=**new** terminat();

th.start();

}

}

**package** oops;

**import** java.io.\*;

**import** java.util.\*;

**class** student

{

**int** id;

String name;

String gender;

student(**int** id,String name,String gender)

{

**this**.id=id;

**this**.name=name;

**this**.gender=gender;

}

}

**public** **class** read {

**public** **static** **void** main(String[] args) **throws** IOException

{

**int** n;

String malestds="";

String femalestds="";

ArrayList<student>red =**new** ArrayList<student>();

Scanner s=**new** Scanner(System.***in***);

System.***out***.println("enter the number");

n=s.nextInt();

**for**(**int** i=0;i<n;i++)

{

System.***out***.println("enter the id");

**int** id=s.nextInt();

System.***out***.println("Enter name");

String name=s.next();

System.***out***.println("Enter gender");

String gender=s.next();

student ob=**new** student(id,name,gender);

red.add(ob);

}

**for**(**int** i=0;i<n;i++)

{

**if**(red.get(i).gender=="male")

{

FileWriter fw=**new** FileWriter("/C:/Users/Admin/Desktop/shads/m.txt",**true**);

fw.write(String.*valueOf*(red.get(i).id+"\n"));

fw.write(red.get(i).name+"\n");

fw.write(red.get(i).gender+"\n");

fw.close();

}

**else**

{

FileWriter fr=**new** FileWriter("/C:/Users/Admin/Desktop/shads/f.txt",**true**);

fr.write(String.*valueOf*(red.get(i).id+"\n"));

fr.write(red.get(i).name);

fr.write(red.get(i).gender);

malestds=malestds+fr;

fr.close();

}

}

}

}

**OUTPUT**





