

OBJECTED ORIENTED
PROGRAMMING LAB
EXTERNAL EXAMINATION

SUBMITTED BY:

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S2, MCA230

Reg No: TKM20MCA-2030

PROGRAM CODE:

House.java	<pre>package MCA230; import java.io.*; import java.awt.*; import java.applet.Applet; import java.awt.Graphics; import java.awt.event.ActionEvent; import java.awt.event.ActionListener; import javax.swing.ButtonGroup; import javax.swing.JButton; public class House extends Applet implements ActionListener { private static final long serialVersionUID = 3611109471144399490L; JButton b1, b2; Button b; public void init(){ JButton b1=new JButton("DAY"); JButton b2=new JButton("NIGHT"); ButtonGroup bg= new ButtonGroup(); setLayout(null); setVisible(true); bg.add(b1); bg.add(b2); b1.setBounds(50,400,100,50); b2.setBounds(50,440,100,50); add(b1); add(b2); b=new Button("SELECT"); b.setBounds(50,500,50,20); add(b); b1.addActionListener(this); } public void paint(Graphics g){ int x[]={ 180,135,100}; int y[]={ 100,10,100}; g.setColor(Color.black); g.fillPolygon(x,y,3); g.setColor(Color.yellow);</pre>
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        g.fillRect(100, 100, 80, 90);
        g.setColor(Color.red);
        g.fillRect(120,130,40,60);
    }
    Graphics g= getGraphics();
    public void actionPerformed(ActionEvent ae){

        g.setColor(Color.yellow);
        g.drawOval(300,80,50,50);
        if(b1.getSelectedIcon().equals("DAY")){
            try{
                String str;
                File f= new File("F:\\MCA230\\Day.txt");
                FileWriter fw= new FileWriter(f);
                fw.write("Akhil\\nAmal\\nAbhishek");
                FileReader fr= new FileReader(f);
                BufferedReader br= new BufferedReader(fr);

                while((str=br.readLine())!=null){
                    System.out.println(str);
                }
            }
            catch(Exception e){

            }

        }
        else if(b2.getSelectedIcon().equals("NIGHT")){
            try{
                String str1;
                File f1= new File("F:\\MCA230\\Night.txt");
                FileReader fr2=new FileReader(f1);
                BufferedReader br1= new BufferedReader(fr2);

                while((str1=br1.readLine())!=null){
                    System.out.println(str1);
                }
            }
            catch(Exception e){
                System.out.println("Error occured..." +e);
            }
        }
    }

```

	<pre>} public static void main(String[] args) { // TODO Auto-generated method stub new House(); } }</pre>
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OUTPUT:

