

TKM20MCA-2037

house.java

```
package myproject;
import java.applet.*;
import java.awt.Graphics;
import java.awt.*;
import java.awt.event.ActionEvent;
import java.awt.event.ActionListener;
public class house extends Applet implements ActionListener {
    int x,y;
    String str;
    Button b1,b2;
    public void init(){
        b1=new Button("DAY");
        b2=new Button("NIGHT");
        add(b1);
        add(b2);
        b1.addActionListener(this);
        b2.addActionListener(this);
    }

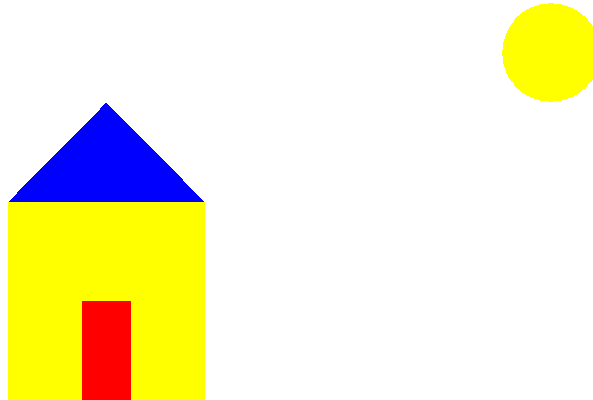
    public void paint (Graphics g){
        g.setColor(Color.blue);
        int x[]={200,300,400};
        int y[]={300,200,300};
        g.fillPolygon(x,y,3);
        g.setColor(Color.yellow);
        g.fillRect(200, 300, 200, 200);
        g.setColor(Color.red);
        g.fillRect(275, 400, 50, 100);
        if(b2.equals("NIGHT")){
            g.setColor(Color.black);
            g.fillOval(700,100,100,100);
        }
        else
        {
            g.setColor(Color.yellow);
            g.fillOval(700,100,100,100);
        }
    }

    public void actionPerformed(ActionEvent e) {
        str=e.getActionCommand();
    }
}
```

OUTPUT

Applet Viewer: myproject.house.class
Applet

DAY NIGHT



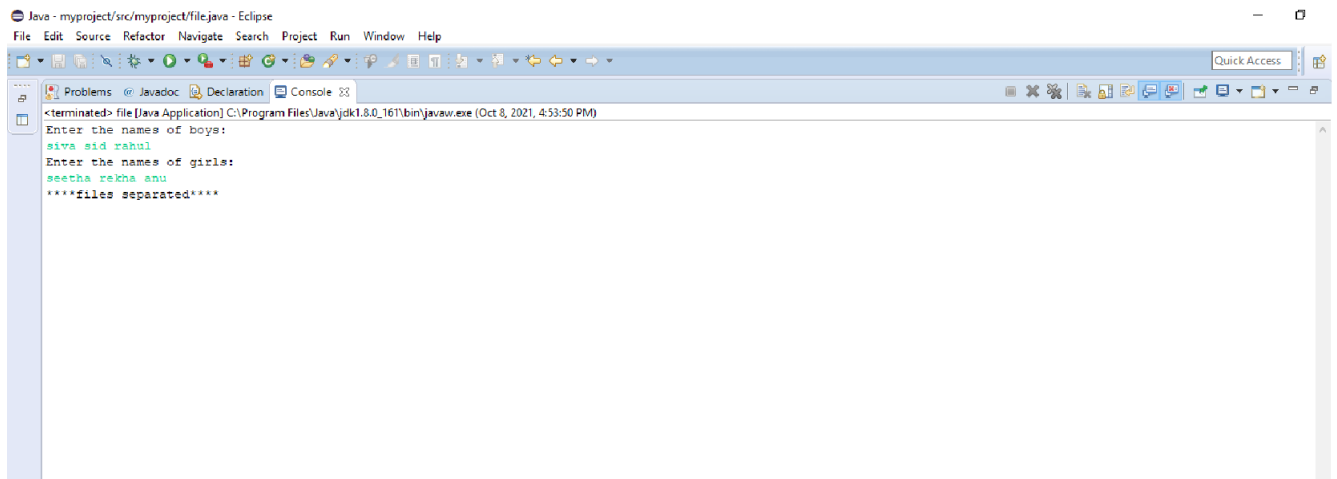
file.java

```
package myproject;
import java.util.*;
import java.io.*;
public class file {
    public static void main(String[] args) throws FileNotFoundException{
        String a,b;

        Scanner sc=new Scanner(System.in);
        System.out.println("Enter the names of boys:");
        a=sc.nextLine();
        System.out.println("Enter the names of girls:");
        b=sc.nextLine();
        System.out.println("****files separated****");
        File f=new File("E:\\ day.txt");;
        PrintStream ps=new PrintStream(f);
        System.setOut(ps);
        ArrayList <String> al =new ArrayList<String>();
        al.add(a);
        System.out.println("...boys list...");
        for (String str:al)
            System.out.println(""+str);
        File f1=new File("E:\\ night.txt");;
        PrintStream ps1=new PrintStream(f1);
        System.setOut(ps1);
        ArrayList <String> all =new ArrayList<String>();
        all.add(b);
        System.out.println("...girls list...");
        for (String st:all)
```

```
        System.out.println(""+st);  
    }  
}
```

OUTPUT

A screenshot of the Eclipse IDE's console window. The title bar reads "Java - myproject/src/myproject/file.java - Eclipse". The menu bar includes "File", "Edit", "Source", "Refactor", "Navigate", "Search", "Project", "Run", "Window", and "Help". The toolbar contains various icons for file operations and development tools. The console tab is active, showing the following output:

```
<terminated> file [Java Application] C:\Program Files\Java\jdk1.8.0_161\bin\javaw.exe (Oct 8, 2021, 4:53:50 PM)  
Enter the names of boys:  
siva sid rahul  
Enter the names of girls:  
seetha rekha anu  
****files separated****
```

A screenshot of a Notepad window titled "day - Notepad". The menu bar includes "File", "Edit", "Format", "View", and "Help". The text content of the notepad is:

```
|...boys list...  
siva sid rahul
```

A screenshot of a Notepad window titled "night - Notepad". The menu bar includes "File", "Edit", "Format", "View", and "Help". The text content of the notepad is:

```
|...girls list...  
seetha rekha anu
```