

# **OOPS LAB EXTERNAL EXAM**

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1) Use two buttons DAY and NIGHT

When DAY button is clicked, display the image of sun on the top corner with white background color. Also a file named "DAY" contains the list of male students in your class should be displayed on the console

When NIGHT button is clicked, display the image of moon on the top corner with black or grey bg color. Also a file named "NIGHT" contains the list of female students in your class should be displayed on the console.

## **ALGORITHM**

Step 1: Start

Step 2: Create a class named houseevent

Step 3: The class should extends Appletviewer

Step 4: Import Graphics

Step 5: Draw Rectangle,triangle in Applet

Step 6: Set button for displaying DAY

Step 7: Set button for displaying NIGHT

Step 8: Create a file named "DAY"

Step 9: The file should contain the list of male students

Step 10: Create a file named 'NIGHT'

Step 11: The file should display the list of female students in class

Step 12: Stop

## **PROGRAM CODE**

```
package javalab;
```

```
import java.applet.*;
```

```
import java.awt.color.*;
```

```
/*
```

```
<applet code="houseevent.class width = 500,height = 200"> </applet code>
```

```
*/
```

```
public class houseevent extends appletviewer{
```

```
    public static void graphics(g)
```

```
    {
        g.draw rectangle = {200,25,75,30};
```

```
        g.draw triangle = {200,50,75,30};
```

```
        g.draw line = {100,25,50,45,30};
```

```
set button = new button(DAY);  
set button = new button('NIGHT');  
t1.obj = 'DAY'  
obj.display(DAY);  
set image = new img(sun);  
t2.obj = 'NIGHT'  
obj.display(NIGHT);  
set image = new img(moon);  
text button = new button();  
string text;  
text = t1;  
{  
    choice ch = new choice();  
    t1.button = 'DAY'  
    t1.display('DAY');  
    t2.button = 'NIGHT'  
    t2.display('NIGHT');  
}  
graphics(g);  
g.set bgcolor = color.white;  
g.draw rectangle = {200,25,75,30};  
g.set color = color.red;  
g.draw triangle = {200,50,75,30};
```

```
g.set color = color.blue;  
g.draw line = {100,50,25,30,45};  
}
```