

**Exp 15 OOPs with Java**

**Aim:** Program on graphics and applet class

**Program:**

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

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

```
public class Design extends Applet
```

```
{
```

```
    public void paint(Graphics g)
```

```
    {
```

```
        int xcord[]={ 190,190,210};
```

```
        int ycord[]={ 165,195,180};//triangle 1
```

```
        int xpts[]={ 307,285,320};
```

```
        int ypts[]={ 363,386,381 };//triangle 2
```

```
        int[] xPoints={ 180,200,230,210};
```

```
        int[] yPoints={ 300,270,260,290};
```

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

```
g.fillRoundRect(150, 150,95, 60, 10,10);  
g.setColor(Color.white);  
g.fillPolygon(xcord,ycord,3);//triangle 1
```

```
g.setColor(Color.black);  
g.drawOval(300,300,100,100);  
g.setColor(Color.green);  
g.fillOval(305,305,90,90);  
g.setColor(Color.black);  
g.drawLine(302,360,280,390);  
g.drawLine(315,385,280,390);  
g.setColor(Color.green);  
g.fillPolygon(xpts,ypts,3);
```

```
g.setColor(Color.black);  
g.fillOval(100,305,90,120);  
g.fillOval(150,305,90,120);  
g.setColor(Color.white);  
g.fillOval(210,315,60,60);  
g.setColor(Color.black);  
g.fillPolygon(xPoints,yPoints,4);
```

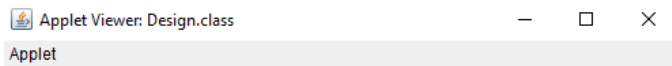
```
}
```

```
}
```

***Html file :***

```
<html>  
<title>My Applet</title>  
<body>  
<applet code="Design.class" width="500" height="500">  
</applet>  
</body>  
</html>
```

**Output:**



Applet started.

---