

**Course Name: A Level (2nd Sem)**  
**Topic: Applets in Java(contd.)**

**Subject: JAVA**  
**Date: 10-06-20**

## **Program of applets to draw the various shapes:**

**(a) Cylinder (b) Cube (c) Square inside a circle  
(e) Circle inside a square (e) Polygon**

```
public class G4 extends Applet
{
public void paint(Graphics g)
{
/*Cylinder*/
g.drawString("(a).Cylinder",10,110);
g.drawOval(10,10,50,10);
g.drawOval(10,80,50,10);
g.drawLine(10,15,10,85);
g.drawLine(60,15,60,85);
/*Cube*/
g.drawString("(b).Cube",95,110);
g.drawRect(80,10,50,50);
g.drawRect(95,25,50,50);
g.drawLine(80,10,95,25);
g.drawLine(130,10,145,25);
g.drawLine(80,60,95,75);
g.drawLine(130,60,145,75);
/*Square Inside A Circle*/
g.drawString("(c).Squar Inside A Circle",150,110);
g.drawOval(180,10,80,80);
g.drawRect(192,22,55,55);
/*Circle Inside a Square*/
g.drawString("(d).Circle Inside a Squar",290,110);
g.drawRect(290,10,80,80);
g.drawOval(290,10,80,80);
/*Polygon*/
g.drawString("(e).Polygon",90,250);
int a[]={200,400,200,400};
int b[]={200,500,500,200};
g.drawPolygon(a,b,4);
}
}
```

## **Display Image through Applet:**

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

public class DisplayImage extends Applet {

    Image picture;

    public void init() {
        picture = getImage(getDocumentBase(),"Ab.jpg");
    }

    public void paint(Graphics g) {
        g.drawImage(picture, 30,30, this);
    }

}
```