

PRACTICAL 2

Draw ten red circles in a vertical column in the center of the applet.

Theory:

java.awt.Graphics class provides many methods for graphics programming

Commonly used methods of Graphics class:

public abstract void fillRect(int x, int y, int width, int height): is used to fill rectangle with the default color and specified width and height

public abstract void fillOval(int x, int y, int width, int height): is used to fill oval with the default color and specified width and height

public abstract void fillArc(int x, int y, int width, int height, int startAngle, int arcAngle): is used to fill a circular or elliptical arc.

public abstract void setColor(Color c): is used to set the graphics current color to the specified color.

Sample Program:

```
//practise.java

import java.applet.Applet;

import java.awt.*;

public class practise extends Applet{

    public void paint(Graphics g){

        //g.drawString("welcome to applet",150,150);

        //g.drawOval(50,100,100,100);

        //g.drawRect(160,100,100,100);

        g.setColor(Color.blue);

        g.fillRect(170,100,30,30);

        g.setColor(Color.pink);

        g.fillOval(170,200,30,30);
```

```
g.fillArc(270,150,30,30,0,180);
```

```
} }
```

```
/*
```

```
<applet code="practise.class" width="300" height="300">
```

```
</applet>
```

```
*/
```

Exercise:

1. Draw five red circles and five blue circles alternatively in a vertical column in the centre of the applet.
2. Draw five red circles and five blue circles alternatively horizontally in the centre of the applet.
3. Draw an applet page, where left column consist of square filled in blue colour, centre column consists of oval in red colour and right column consists of rectangle filled with pink colour
4. Draw the following applet

