

AWT-PROGRAMS

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3-D

XOR PROGRAM

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

public class XOR extends Frame{
    int chsX=100,chsY=100;

    public XOR(){
        addMouseListener(new MouseMotionAdapter(){
            public void mouseMoved(MouseEvent me){
                int x=me.getX();
                int y=me.getY();
                chsX=x-10;
                chsY=y-10;
                repaint();
            }
        });

        addWindowListener(new WindowAdapter(){
```

```
        public void windowClosing(WindowEvent we){  
            System.exit(0);  
        }  
    });  
}
```

```
public void paint(Graphics g){  
    g.setColor(Color.green);  
    g.fillRect(20,40,60,70);
```

```
    g.setColor(Color.blue);  
    g.fillRect(110,40,60,70);
```

```
    g.setColor(Color.black);  
    g.fillRect(200,40,60,70);
```

```
    g.setColor(Color.red);  
    g.fillRect(60,120,160,110);
```

```
    g.setXORMode(Color.black);  
    g.drawLine(chsX-10,chsY,chsX+10,chsY);  
    g.drawLine(chsX,chsY-10,chsX,chsY+10);  
    g.setPaintMode();  
}
```

```
public static void main(String args[]){  
    XOR obj=new XOR();  
    obj.setSize(new Dimension(300,360));  
    obj.setTitle("XORDemo");obj.setVisible(true);  
}  
}
```

