

```
import java.awt.*;

import java.awt.event.*;

public class MouseEventsDemo extends Frame implements MouseListener, MouseMotionListener{
    String msg="";
    int mouseX=0, mouseY=0;

    public MouseEventsDemo() {
        addMouseListener(this);
        addMouseMotionListener(this);
        addWindowListener(new MyWindowAdapter());
    }
    public void mouseClicked(MouseEvent me){
        msg=msg+"Clicked";
        repaint();
    }
    public void mouseEntered(MouseEvent me){
        mouseX=100;
        mouseY=100;
        msg="Mouse Entered";
        repaint();
    }
    public void mouseExited(MouseEvent me){
        mouseX=100;
```

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        mouseY=100;
        msg= "Mouse Exited";
        repaint();
    }
    public void mousePressed(MouseEvent me){
        mouseX=me.getX();
        mouseY=me.getY();
        msg="Button Down";
        repaint();
    }
    public void mouseReleased(MouseEvent me){
        mouseX=me.getX();
        mouseY=me.getY();
        msg="Button Released";
        repaint();
    }
    public void mouseDragged(MouseEvent me){
        mouseX=me.getX();
        mouseY=me.getY();
        msg="*"+ " mouse at "+mouseX+", "+mouseY;
        repaint();
    }
    public void mouseMoved(MouseEvent me){
        msg="Moving mouse at "+me.getX()+"", "+me.getY();
        repaint();
    }
    public void paint(Graphics g){
        g.drawString(msg,mouseX,mouseY);
    }
    public static void main(String args[]){
        MouseEventsDemo appwin=new MouseEventsDemo();

        appwin.setSize(new Dimension(300,300));
        appwin.setTitle("MouseEventsDemo");
        appwin.setVisible(true);
    }
}
class MyWindowAdapter extends WindowAdapter{
    public void windowClosing(WindowEvent we){
        System.exit(0);
    }
}

```

Output:

MouseEventsDemo

Moving mouse at 162, 153

MouseEventsDemo

Mouse Exited

MouseEventsDemo

Button Released

MouseEventsDemo

* mouse at 176, 109