

MouseMotionListener

```
import java.awt.*;
import java.awt.event.*;
public class MouseMotionListenerExample extends Frame implements
MouseMotionListener
{
    Label l1,l2;
    Color c = Color.BLUE;
    MouseMotionListenerExample()
    {
        l1=new Label();
        l1.setBounds(20,40,180,30);
        l1.setFont(new Font("Times New Roman",1 | 2,20));

        l2=new Label();
        l2.setBounds(20,80,150,20);
        l2.setFont(new Font("Times New Roman",1 | 2,20));
        add(l1);
        add(l2);

        addMouseMotionListener(this);

        setSize(400,400);
        setLayout(null);
        setVisible(true);
    }
    public void mouseDragged(MouseEvent e)
    {
        l1.setText("Mouse Dragged...");
        l1.setForeground(Color.RED);
        l2.setText("X="+e.getX()+" , Y="+e.getY());
        Graphics g=getGraphics();
        g.setColor(Color.RED);
        g.fillOval(e.getX(),e.getY(),20,20);
    }
    public void mouseMoved(MouseEvent e)
    {
        l1.setText("Mouse Moved...");
        l1.setForeground(Color.BLACK);
        l2.setText("X="+e.getX()+" , Y="+e.getY());
    }
    public static void main(String[] args)
    {
```

```

        new MouseMotionListenerExample();
    }
}

```

MouseListener

```

import java.awt.*;
import java.awt.event.*;
public class MouseListenerExample extends Frame implements MouseListener
{
    Label l;
    MouseListenerExample()
    {
        l = new Label();
        l.setBounds(20,40,170,30);
        l.setFont(new Font("Times New Roman",1,20));
        add(l);
        addMouseListener(this);

        setSize(400,400);
        setLayout(null);
        setVisible(true);
    }
    public void mouseClicked(MouseEvent e)
    {
        l.setText("Moused Clicked..");
        Graphics g=getGraphics();
        g.setColor(Color.BLUE);
        g.fillOval(e.getX(),e.getY(),30,30);
    }
    public void mouseEntered(MouseEvent e)
    {
        l.setText("Moused Entered..");
    }
    public void mouseExited(MouseEvent e)
    {
        l.setText("Moused Exited..");
    }
}

```

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    }  
    public void mousePressed(MouseEvent e)  
    {  
        l.setText("Moused Pressed..");  
    }  
    public void mouseReleased(MouseEvent e)  
    {  
        l.setText("Moused Released..");  
    }  
    public static void main(String[] args)  
    {  
        new MouseListenerExample();  
    }  
}
```