Assignment 5

Name-Anurag pokra

```java
import java.applet.*;

import java.awt.event.*;

import java.awt.*;

/* <applet code="MouseEvents.class" width=500 height=600>
</applet> */

public class MouseEvents extends Applet implements
MouseListener,MouseMotionListener

{

String msg =" "; int x=0,y=0;

public void init() {

    addMouseListener(this);

    addMouseMotionListener(this);

        }

public void mouseClicked(MouseEvent m) {

    x=100; y=100; msg ="mouse clicked by user";

    repaint();
```

```java
        }
    public void mouseEntered(MouseEvent m) {

        x=50; y=50; msg ="mouse Entered by user";

        repaint();

        }
    public void mouseExited(MouseEvent m) {

         x=90; y=90; msg ="mouse Exited by user";

         repaint();

        }
    public void mousePressed(MouseEvent m) {

        x=m.getX(); y=m.getY(); msg ="Down Pressed";

        repaint();

        }
    public void mouseReleased(MouseEvent m) {

        x=70; y=70; msg ="Up pressed";

        repaint();

        }
    public void mouseDragged(MouseEvent m) {
```

```
        x=m.getX(); y=m.getY(); msg ="*";

        showStatus("Dragged mouse at positions" +x+ " & "+y);

        repaint();

        }

public void mouseMoved(MouseEvent m) {

        showStatus("Moving mouse at positions" +m.getX()+ " &
"+m.getY());

        repaint();

        }

public void paint(Graphics g) {

        g.drawString(msg,x,y);

        }

}
```

Output: