

```
package Test;

import java.awt.Button;

import java.awt.Color;

import java.awt.Frame;

import java.awt.TextField;

import java.awt.event.*;

class Mouse_Listener extends WindowAdapter implements MouseListener, ActionListener {

    Frame f;

    TextField tf;

    Button b;

    Mouse_Listener()
    {
        f= new Frame();

        f.setSize(300,300);

        f.setLayout(null);

        f.setTitle("MouseEvent");

        f.setVisible(true);

        init();

        add_component();
    }

    public void init()
    {
        b= new Button("close");

        tf= new TextField(40);

        tf.setBounds(30,30,150,40);
    }

    public void add_component()
    {
        f.add(tf);

        b.setBounds(200,200,50,50);

        f.add(b);
    }
}
```

```
f.addWindowListener(this);

f.addMouseListener(this);

b.addActionListener(this);
}

public void windowClosing(WindowEvent e)
{
    f.dispose();
}

public void mouseEntered(MouseEvent e)
{
    tf.setText("mouse entered");
    f.setBackground(Color.RED);
}

public void mouseExited(MouseEvent e)
{
    tf.setText("mouse Exited");
    f.setBackground(Color.WHITE);
}

public void mouseClicked(MouseEvent e)
{
    tf.setText("mouse clicked");
    f.setBackground(Color.YELLOW);
}

public void mousePressed(MouseEvent e)
{
    tf.setText("mouse pressed");
    f.setBackground(Color.GREEN);
}

public void mouseReleased(MouseEvent e)
{
    tf.setText("mouse released");
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        f.setBackground(Color.BLUE);
    }
    public void actionPerformed(ActionEvent e)
    {
        f.dispose();
    }
}
public class DemoTwo {
    public static void main(String args[])
    {
        new Mouse_Listener();
    }
}
```