



Programmer Name: Neha Kamalakar Nemade

Batch: L-5

Problem Statement:

Write a program in Java to create a frame using AWT. Implement mouseClicked, mouseEntered() and mouseExited() events. Frame should invisible when the mouse left it.

Code:

```
package ajp_codes;
import java.awt.*;
import java.awt.event.*;
public class code8 extends Frame implements MouseListener
{
    Label l;
    code8()
    {
        addMouseListener(this);

        l=new Label();
        l.setBounds(20,50,100,20);
        add(l);
        setSize(300,300);
        setLayout(null);
        setVisible(true);
    }
    public void mouseClicked(MouseEvent e) {
        System.out.println("Mouse Clicked");
        l.setText("Mouse Clicked");
    }
    public void mouseEntered(MouseEvent e) {
        l.setText("Mouse Entered");
        System.out.println("Mouse Entered");
    }
    public void mouseExited(MouseEvent e) {
        l.setText("Mouse Exited");
        System.out.println("Mouse Exited");
    }
    public void mousePressed(MouseEvent e) {
        l.setText("Mouse Pressed");
        System.out.println("Mouse Pressed");
    }
    public void mouseReleased(MouseEvent e) {
        l.setText("Mouse Released");
        System.out.println("Mouse Released");
    }
}
```



PUNE INSTITUTE OF COMPUTER TECHNOLOGY

PUNE - 411043

Department of Electronics & Telecommunication

ASSESSMENT YEAR: 2021-2022

CLASS: TE V

SUBJECT: Advanced Java Programming

Assg No: 7

Roll No: 32147

Date:

```
public static void main(String[] args) {  
    System.out.println("Name: Neha Nemade\nRoll no: 32147");  
    new code8();  
}
```

Output:

```
14  setSize(300,300);  
15  setLayout(null);  
16  setVisible(true);  
17  }  
18  public void mouseClicked(MouseEvent e) {  
19      System.out.println("Mouse Clicked");  
20      l.setText("Mouse Clicked");  
21  }  
22  public void mouseEntered(MouseEvent e) {  
23      l.setText("Mouse Entered");  
24      System.out.println("Mouse Entered");  
25  }  
26  public void mouseExited(MouseEvent e) {  
27      l.setText("Mouse Exited");  
28      System.out.println("Mouse Exited");  
29  }  
30  public void mousePressed(MouseEvent e) {  
31      l.setText("Mouse Pressed");  
32      System.out.println("Mouse Pressed");  
33  }  
34  public void mouseReleased(MouseEvent e) {  
35      l.setText("Mouse Released");  
36      System.out.println("Mouse Released");  
37  }  
38  public static void main(String[] args) {  
39      System.out.println("Name: Neha Nemade\nRoll no: 32147");  
40      new code8();  
41  }
```

code8 [Java Application] C:\Program Files\Java\jdk-14\bin\javaw.exe (29-Apr-2022, 2:08:50 am)
Name: Neha Nemade
Roll no: 32147
Mouse Entered
Mouse Exited
Mouse Entered
Mouse Exited
Mouse Entered
Mouse Pressed
Mouse Released
Mouse Clicked
Mouse Pressed
Mouse Released
Mouse Clicked