



SCTR's PUNE INSTITUTE OF COMPUTER TECHNOLOGY PUNE - 411043

Department of Electronics & Telecommunication Engineering (E&TCE)

ASSESSMENT YEAR: 2024-2025

CLASS: TE

BATCH:- N7

SUBJECT: Advanced JAVA Programming

Assignment No: 2

Roll No: 32402

Date: 22/01/2025

Programmer Name: Sahil Manoj Amrutkar

Batch: N7

Problem Statement: Create a Frame using AWT & implement MouseClicked , MouseEntered & MouseExited Events.

INPUT :

```
package sem2_exp2;
import java.awt.*;
import java.awt.event.*;
public class Exp2 extends WindowAdapter implements MouseListener {
```

```
    Frame f;
    Label l1,l2;
    TextArea ta;
```

```
    public Exp2(){
        f = new Frame();
        f.setVisible(true);
        f.setLayout(null);
        f.setSize(400,400);
        f.setTitle("Mouse Listner Interface .");
```

```
        init();
        add();
        register();
    }
```

```
    public void init() {
        l1 = new Label("Mouse Event Handling.");
        l2 = new Label();
        ta = new TextArea();

        l1.setBounds(40,40,250,50);
```



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```
ta.setBounds(40,100,300,200);
```

```
l2.setBounds(40,300,250,50);
```

```
Font labelFont = new Font("Arial", Font.BOLD, 20);
```

```
l1.setFont(labelFont);
```

```
l2.setFont(labelFont);
```

```
}
```

```
public void add() {
```

```
    f.add(l1);
```

```
    f.add(l2);
```

```
    f.add(ta);
```

```
}
```

```
public void register() {
```

```
    f.addWindowListener(this);
```

```
    ta.addMouseListener(this);
```

```
}
```

```
public void windowClosing(WindowEvent we) {
```

```
    f.dispose();
```

```
}
```

```
public void mouseEntered(MouseEvent e) {
```

```
    l2.setText("Mouse Entered.");
```

```
    ta.setBackground(Color.GRAY);
```

```
}
```

```
public void mouseExited(MouseEvent e) {
```

```
    l2.setText("Mouse Exited.");
```

```
    ta.setBackground(Color.BLACK);
```

```
}
```

```
public void mouseClicked(MouseEvent e) {
```

```
    l2.setText("Mouse Clicked.");
```

```
    ta.setBackground(Color.GREEN);
```

```
}
```



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```
public void mouseReleased(MouseEvent e) {  
    l2.setText("Mouse Released.");  
    ta.setBackground(Color.RED);  
}  
  
public void mousePressed(MouseEvent e) {  
    l2.setText("Mouse Pressed.");  
    ta.setBackground(Color.YELLOW);  
}  
public static void main(String[] args) {  
  
    new Exp2();  
}  
}
```



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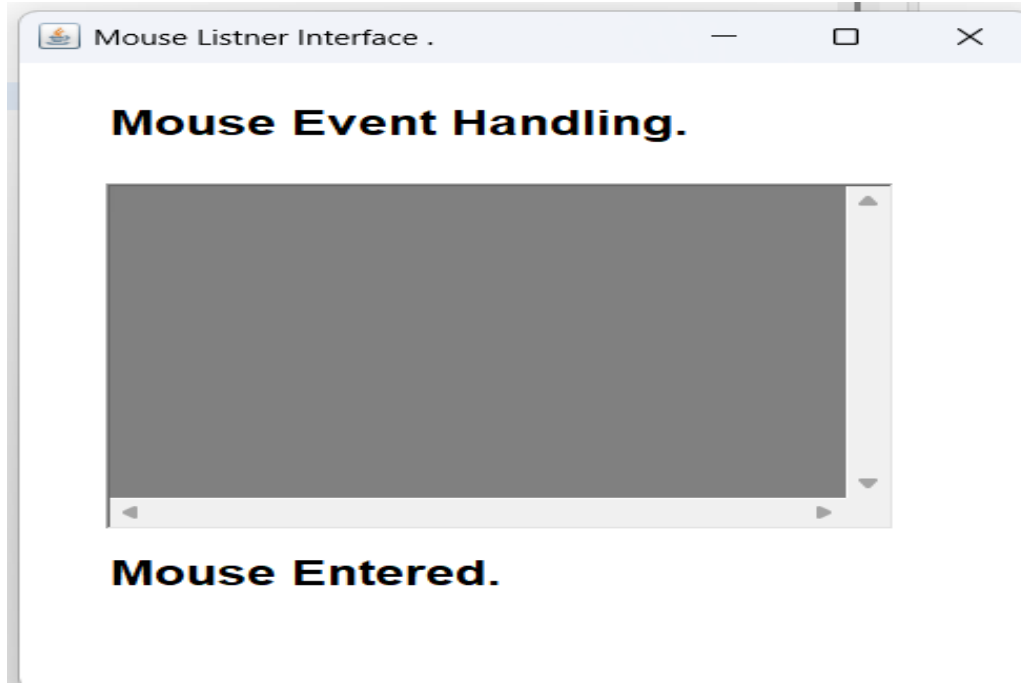
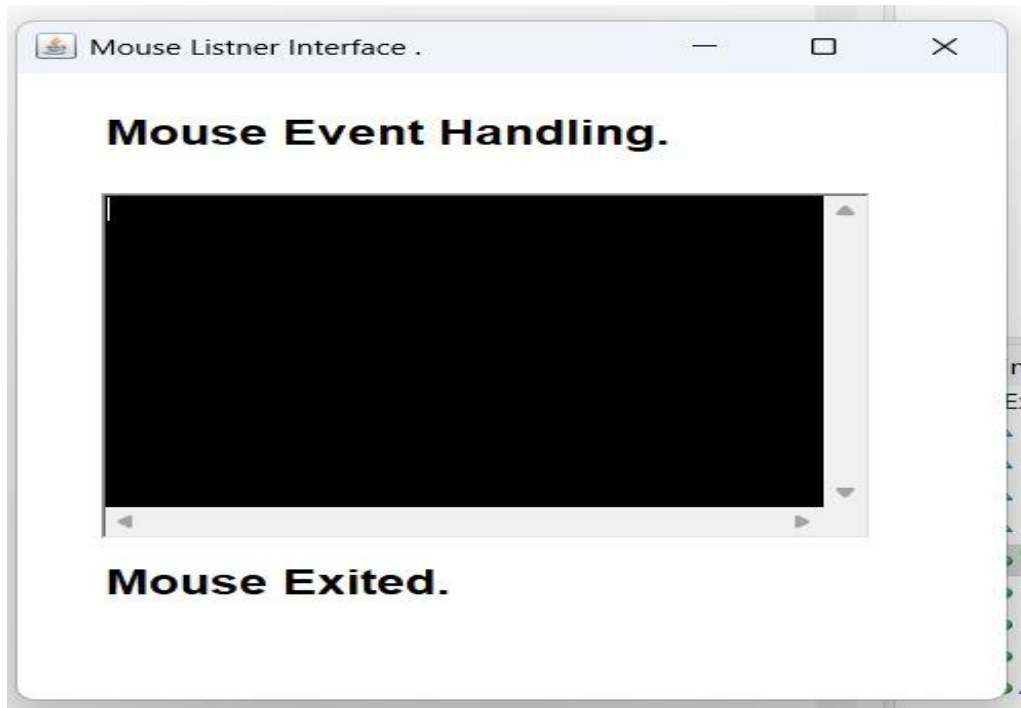
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OUTPUT :





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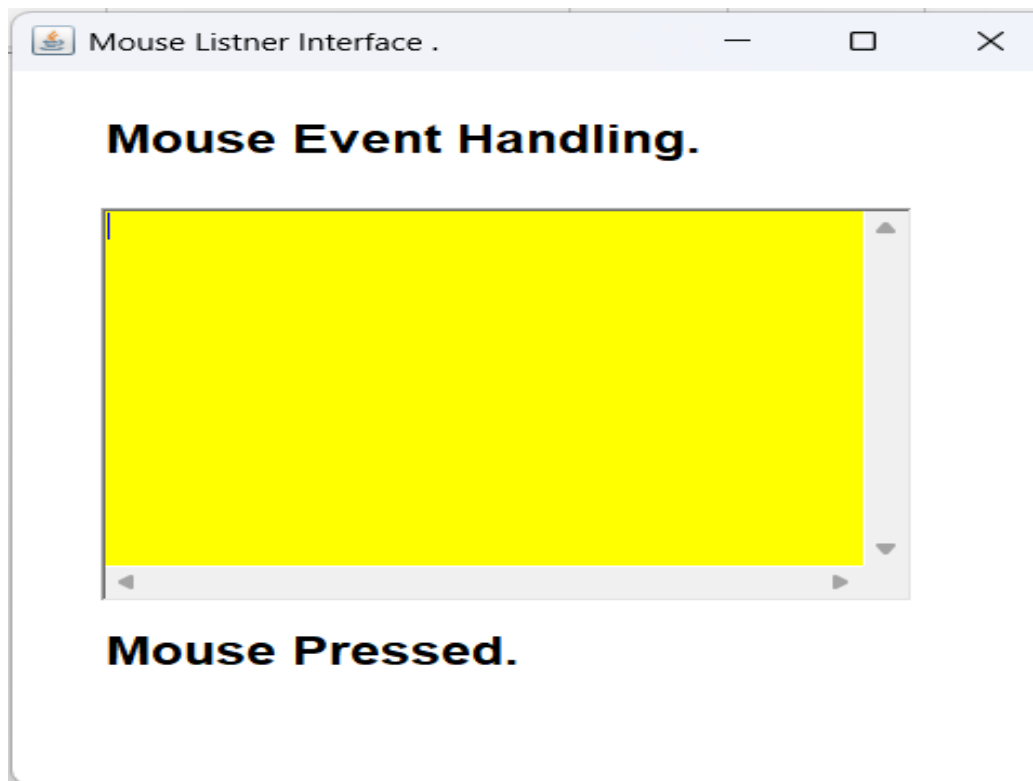
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