//PROGRAM BASED ON MOUSE LISTENER

import java.awt.\*;

import java.awt.event.\*;

public class AwtListenerDemo

{

private Frame mainFrame;

private Label headerLabel;

private Label statusLabel;

private Panel controlPanel;

public AwtListenerDemo(){

prepareGUI();

}

public static void main(String[] args){

AwtListenerDemo awtListenerDemo = new AwtListenerDemo();

awtListenerDemo.showMouseListenerDemo();

}

private void prepareGUI(){

mainFrame = new Frame("Java AWT Examples");

mainFrame.setSize(400,400);

mainFrame.setLayout(new GridLayout(3, 1));

mainFrame.addWindowListener(new WindowAdapter() {

public void windowClosing(WindowEvent windowEvent){

System.exit(0);

}

});

headerLabel = new Label();

headerLabel.setAlignment(Label.CENTER);

statusLabel = new Label();

statusLabel.setAlignment(Label.CENTER);

statusLabel.setSize(350,100);

controlPanel = new Panel();

controlPanel.setLayout(new FlowLayout());

mainFrame.add(headerLabel);

mainFrame.add(controlPanel);

mainFrame.add(statusLabel);

mainFrame.setVisible(true);

}

private void showMouseListenerDemo(){

headerLabel.setText("Listener in action: MouseListener");

Panel panel = new Panel();

panel.setBackground(Color.magenta);

panel.setLayout(new FlowLayout());

panel.addMouseListener(new CustomMouseListener());

Label msglabel = new Label();

msglabel.setAlignment(Label.CENTER);

msglabel.setText("Welcome to TutorialsPoint AWT Tutorial.");

msglabel.addMouseListener(new CustomMouseListener());

panel.add(msglabel);

controlPanel.add(panel);

mainFrame.setVisible(true);

}

class CustomMouseListener implements MouseListener{

public void mouseClicked(MouseEvent e) {

statusLabel.setText("Mouse Clicked: ("

+e.getX()+", "+e.getY() +")");

}

public void mousePressed(MouseEvent e) {

}

public void mouseReleased(MouseEvent e) {

}

public void mouseEntered(MouseEvent e) {

}

public void mouseExited(MouseEvent e) {

}

}

}

OUTPUT:

C:\Users\Admin\Documents\jp2\Assign2>javac AwtListenerDemo.java

C:\Users\Admin\Documents\jp2\Assign2>java AwtListenerDemo



