//PROGRAM BASED ON ACTION LISTENER

import java.awt.\*;

import java.awt.event.\*;

public class AwtListenerDemo

{

private Frame mainFrame;

private Label headerLabel1;

private Label statusLabel;

private Panel controlPanel;

public AwtListenerDemo(){

prepareGUI();

}

public static void main(String[] args){

AwtListenerDemo awtListenerDemo = new AwtListenerDemo();

awtListenerDemo.showActionListenerDemo();

}

private void prepareGUI(){

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

mainFrame.setSize(400,400);

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

mainFrame.addWindowListener(new WindowAdapter() {

public void windowClosing(WindowEvent windowEvent){

System.exit(0);

}

});

headerLabel1 = new Label();

headerLabel1.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 showActionListenerDemo(){

headerLabel1.setText("Listener in action: ActionListener");

ScrollPane panel = new ScrollPane();

panel.setBackground(Color.magenta);

Button okButton = new Button("OK");

okButton.addActionListener(new CustomActionListener());

panel.add(okButton);

controlPanel.add(panel);

mainFrame.setVisible(true);

}

class CustomActionListener implements ActionListener{

public void actionPerformed(ActionEvent e) {

statusLabel.setText("Ok Button Clicked.");

}

}

} OUTPUT:

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

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

 