SwingControlDemo.java

//Swings Example

import java.awt.\*;

import java.awt.event.\*;

import javax.swing.\*;

public class SwingControlDemo

{

private JFrame mainFrame;

private JLabel headerLabel;

private JLabel statusLabel;

private JPanel controlPanel;

public SwingControlDemo()

{

prepareGUI();

}

public static void main(String[] args)

{

SwingControlDemo swingControlDemo = new SwingControlDemo();

swingControlDemo.showEventDemo();

}

private void prepareGUI()

{

mainFrame = new JFrame("Java SWING Examples");

mainFrame.setSize(400,400);

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

headerLabel = new JLabel("",JLabel.CENTER );

statusLabel = new JLabel("",JLabel.CENTER);

statusLabel.setSize(350,100);

mainFrame.addWindowListener(new WindowAdapter() {

public void windowClosing(WindowEvent windowEvent){

System.exit(0);

}

});

controlPanel = new JPanel();

controlPanel.setLayout(new FlowLayout());

mainFrame.add(headerLabel);

mainFrame.add(controlPanel);

mainFrame.add(statusLabel);

mainFrame.setVisible(true);

}

private void showEventDemo()

{

headerLabel.setText("Control in action: Button");

JButton okButton = new JButton("OK");

JButton submitButton = new JButton("Submit");

JButton cancelButton = new JButton("Cancel");

okButton.setActionCommand("OK");

submitButton.setActionCommand("Submit");

cancelButton.setActionCommand("Cancel");

okButton.addActionListener(new ButtonClickListener());

submitButton.addActionListener(new ButtonClickListener());

cancelButton.addActionListener(new ButtonClickListener());

controlPanel.add(okButton);

controlPanel.add(submitButton);

controlPanel.add(cancelButton);

mainFrame.setVisible(true);

}

private class ButtonClickListener implements ActionListener{

public void actionPerformed(ActionEvent e) {

String command = e.getActionCommand();

if( command.equals( "OK" )) {

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

} else if( command.equals( "Submit" ) ) {

statusLabel.setText("Submit Button clicked.");

} else {

statusLabel.setText("Cancel Button clicked.");

}

}

}

}

OUTPUT:



