**Swing UI(SwingUI.java)**

**package** practice.collectiontasks;

**import** java.awt.Container;

**import** java.awt.FlowLayout;

**import** java.awt.event.ActionEvent;

**import** java.awt.event.ActionListener;

**import** java.io.File;

**import** javax.swing.DefaultComboBoxModel;

**import** javax.swing.JButton;

**import** javax.swing.JComboBox;

**import** javax.swing.JFileChooser;

**import** javax.swing.JFrame;

**import** javax.swing.JLabel;

**import** javax.swing.JPanel;

**import** javax.swing.JScrollPane;

**import** javax.swing.JTextField;

**public** **class** SwingUI **extends** JFrame {

**public** SwingUI() {

**super**("File Chooser Test Frame");

setSize(600, 600);

setDefaultCloseOperation(***EXIT\_ON\_CLOSE***);

Container c = getContentPane();

c.setLayout(**new** FlowLayout());

JButton openButton = **new** JButton("Open");

**final** JLabel statusbar = **new** JLabel("Output of your selection will go here");

// Create a file chooser that opens up as an Open dialog

openButton.addActionListener(**new** ActionListener() {

**public** **void** actionPerformed(ActionEvent ae) {

JFileChooser chooser = **new** JFileChooser();

chooser.setMultiSelectionEnabled(**true**);

**int** option = chooser.showOpenDialog(SwingUI.**this**);

**if** (option == JFileChooser.***APPROVE\_OPTION***)

{

File[] sf = chooser.getSelectedFiles();

String filelist = "nothing";

**if** (sf.length > 0)

filelist = sf[0].getName();

**for** (**int** i = 1; i < sf.length; i++)

{

filelist += ", " + sf[i].getName();

}

statusbar.setText("You chose " + filelist);

}

**else**

{

statusbar.setText("You canceled.");

}

}

});

c.add(openButton);

c.add(statusbar);

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

**final** JLabel statusLabel = **new** JLabel("Select Department:",JLabel.***CENTER***);

statusLabel.setSize(350,100);

JPanel controlPanel = **new** JPanel();

controlPanel.setLayout(**new** FlowLayout());

c.add(headerLabel);

c.add(statusLabel);

c.add(controlPanel);

**final** DefaultComboBoxModel<String> deptName = **new** DefaultComboBoxModel<String>();

deptName.addElement("CSE");

deptName.addElement("ECE");

deptName.addElement("EEE");

deptName.addElement("MECH");

**final** JComboBox<String> deptCombo = **new** JComboBox<String>(deptName);

deptCombo.setSelectedIndex(0);

JScrollPane deptListScrollPane = **new** JScrollPane(deptCombo);

JButton showButton = **new** JButton("Export");

controlPanel.add(deptListScrollPane);

JLabel namelabel= **new** JLabel("Enter Path to Save: ", JLabel.***RIGHT***);

**final** JTextField userText = **new** JTextField(20);

controlPanel.add(namelabel);

controlPanel.add(userText);

controlPanel.add(showButton);

}

**public** **static** **void** main(String args[]) {

SwingUI sui = **new** SwingUI();

sui.setVisible(**true**);

}

}