**import** java.awt.\*;

**import** javax.swing.\*;

**public** **class** NestedPanels

{

//-----------------------------------------------------------------

// Presents two colored panels nested within a third.

//-----------------------------------------------------------------

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

{

JFrame frame = **new** JFrame ("Nested Panels");

frame.setDefaultCloseOperation (JFrame.***EXIT\_ON\_CLOSE***);

// Set up first subpanel

JPanel subPanel1 = **new** JPanel();

subPanel1.setPreferredSize (**new** Dimension(150, 100));

subPanel1.setBackground (Color.***green***);

JLabel label1 = **new** JLabel ("One");

subPanel1.add (label1);

// Set up second subpanel

JPanel subPanel2 = **new** JPanel();

subPanel2.setPreferredSize (**new** Dimension(150, 100));

subPanel2.setBackground (Color.***red***);

JLabel label2 = **new** JLabel ("Two");

subPanel2.add (label2);

JPanel subPanel3 = **new** JPanel();

subPanel3.setPreferredSize (**new** Dimension(150,100));

subPanel3.setBackground (Color.***CYAN***);

JLabel label3 = **new** JLabel("Three");

subPanel3.add(label3);

JButton dialog = **new** JButton();

JCheckBox checkBox = **new** JCheckBox();

// Set up primary panel

JPanel primary = **new** JPanel();

primary.setBackground (Color.***blue***);

primary.add (subPanel1);

primary.add (subPanel2);

primary.add (subPanel3);

primary.add(dialog);

primary.add(checkBox);

frame.getContentPane().add(primary);

frame.pack();

frame.setVisible(**true**);

}

}

