

```

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);
    }
}

```

