```java
/*
 *  The main window has a 2x2 grid
 *  while the third position is occupied by
 *  a subwindow with a 2x3 grid.
 */

import javax.swing.*;
import java.awt.event.*;
import java.awt.*;

public class ButtonFrame extends JFrame
      implements ActionListener
{
        // We need to refer to these objects in
        // actionPerformed
      private JButton button1, button2, button3, button4,
           button5, button6, button7, button8;

        // The constructor sets up the initial window
        // and then waits for events.
      public ButtonFrame()
      {
             // set the basic window properties
           setTitle("Button Frame");
           setSize(200, 200);
           setLocation(700, 700);

              // replace default BorderLayout
              // with a 2x2 grid
           GridLayout grid2 = new GridLayout(2,2);
           setLayout(grid2);

              // create the two buttons
           button1 = new JButton("Press Me");
           button2 = new JButton("Press Me Too");

              // position the buttons on the window.
           add(button1, "Center");
           add(button2, "South");

              // we are going to listen to them.
           button1.addActionListener(this);
           button2.addActionListener(this);

              // illustrating JOptionPane
           String s = JOptionPane.showInputDialog(null,
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            "Type Something");
    System.err.println(s);

        // buttons for the sub-window
    button3 = new JButton("Three");
    button4 = new JButton("Four");
    button5 = new JButton("Five");
    button6 = new JButton("Six");
    button7 = new JButton("Seven");
    button8 = new JButton("Eight");

        // listen to them as well
    button3.addActionListener(this);
    button4.addActionListener(this);
    button5.addActionListener(this);
    button6.addActionListener(this);
    button7.addActionListener(this);
    button8.addActionListener(this);

        // create a sub-window (pan) with
        // a GridLayout with 2 rows and 3 columns
    GridLayout grid = new GridLayout(2, 3);
    JPanel pan = new JPanel(grid);
    pan.add(button3);
    pan.add(button4);
    pan.add(button5);
    pan.add(button6);
    pan.add(button7);
    pan.add(button8);

        // add the sub-window to the main window
    add(pan, "West");

        // become visible and wait.
    setVisible(true);
}

public void actionPerformed(ActionEvent e)
{
    // check to see which button the event came from.
    if (e.getSource() == button1)
    {
        System.err.println("Ouch");
            // disable button1, enable button2
        button1.setEnabled(false);
        button2.setEnabled(true);
    }
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        else if (e.getSource() == button2)
        {
            System.err.println("Stop It");
                // disable button2, enable button1
            button1.setEnabled(true);
            button2.setEnabled(false);
        }
        else if (e.getSource() == button3)
            System.err.println("Three");
        else if (e.getSource() == button4)
            System.err.println("Four");
        else if (e.getSource() == button5)
            System.err.println("Five");
        else if (e.getSource() == button6)
            System.err.println("Six");
        else if (e.getSource() == button7)
            System.err.println("Seven");
        else // must be button8
            System.err.println("Eight");
    }
}
```