```
 1: // $Id: checkbox.java,v 1.15 2009-03-04 14:00:57-08 - - $
 2:
 3: import java.awt.*;
 4: import java.awt.event.*;
 5: import javax.swing.*;
 6: import static java.lang.System.*;
 7:
 8: class checkbox {
 9:
10:     public static class submit implements ActionListener {
11:         JCheckBox javabox;
12:         JCheckBox cbox;
13:         JCheckBox cxxbox;
14:         submit (JCheckBox _javabox, JCheckBox _cbox, JCheckBox _cxxbox) {
15:             javabox = _java;
16:             cbox = _cbox;
17:             cxxbox = _cxxbox;
18:         }
19:         public void actionPerformed (ActionEvent event) {
20:             out.printf ("Submitted: Java %b, C %b, C++ %b%n",
21:                         javabox.isSelected (), cbox.isSelected (),
22:                         cxxbox.isSelected ());
23:         }
24:     }
25:
26:     public static void main (String[] args) {
27:         JFrame frame = new JFrame ("checkbox");
28:         Container display = frame.getContentPane ();
29:         FlowLayout layout = new FlowLayout (FlowLayout.CENTER);
30:         display.setLayout (layout);
31:         display.add (new JLabel ("What programming langes do you know?"));
32:         display.add (new JLabel ("Check all that apply:"));
33:         JCheckBox javabox = new JCheckBox ("Java", true);
34:         JCheckBox cbox = new JCheckBox ("C", false);
35:         JCheckBox cxxbox = new JCheckBox ("C++", true);
36:         display.add (javabox);
37:         display.add (cbox);
38:         display.add (cxxbox);
39:         JButton submit = new JButton ("Submit");
40:         submit.addActionListener (new submit (javabox, cbox, cxxbox));
41:         display.add (submit);
42:         frame.pack ();
43:         Dimension dim = layout.minimumLayoutSize (frame);
44:         frame.setLocation (256, 256);
45:         frame.setSize (300, 100);
46:         frame.setVisible (true);
47:     }
48:
49: }
50:
```