1 **//Two imports needed and an implements clause in the class' heading**

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

3 **import** java.awt.event.\*;

4

5 **//class level variable**

6 JCheckBox cb1;

7

8 **//coded in the class' constructor**

9 cb1 = **new** JCheckBox("Hamburger");

10 cb1.addItemListener(**this**); **//add event handler method to cb1's list**

11

12 **public** **void** itemStateChanged(ItemEvent e) **//event handler method**

13 {

14 **if**(e.getSource() == cb1) **//cb1's box was clicked**

15 {

16 **if**(cb1.isSelected() == **true**)

17 {

18 System.out.println("Hamburger Selected");

19 }

20 **else**

21 {

22 System.out.println("Hamburger Un-selected");

23 }

24 }

25 }

**Figure 12.2 A code fragment that illustrates check box event handling without the use of an inner class.**