

```
1 // foj/l/lights/NextButtonListener.java
2 //
3 //
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5
6 import java.awt.event.*;
7
8 /**
9  * A NextButtonListener sends a "next" message to its
10  * Sequencer each time a button to which it is listening
11  * is pressed.
12  *
13  * @version 1
14  */
15
16 public class NextButtonListener implements ActionListener
17 {
18     private Sequencer sequencer;
19
20     /**
21      * Construct a listener that "listens for" a user's
22      * pressing the "Next" button.
23      *
24      * @param sequencer the Sequencer for the TrafficLight.
25      */
26
27     public NextButtonListener( Sequencer sequencer )
28     {
29         this.sequencer = sequencer;
30     }
31
32     /**
33      * The action performed when a push of the button is detected:
34      * send a next message to the Sequencer to advance it to
35      * its next state.
36      *
37      * @param event the event detected at the button.
38      */
39
40     public void actionPerformed( ActionEvent event )
41     {
42         this.sequencer.next();
43     }
44 }
```