package org.cubix.jlights;

import java.awt.event.*;

/**
 * A NextButtonListener sends a "next" message to its Sequencer each time a button to which it is listening is pressed.
 *
 * @version 1
 */

public class NextButtonListener implements ActionListener {

private Sequencer sequencer;

/**
 * Construct a listener that "listens for" a user's pressing the "Next" button.
 *
 * @param sequencer the Sequencer for the TrafficLight.
 */

public NextButtonListener( Sequencer sequencer ) {
    this.sequencer = sequencer;
}

/**
 * The action performed when a push of the button is detected:
 * send a next message to the Sequencer to advance it to the next state.
 *
 * @param event the event detected at the button.
 */

public void actionPerformed( ActionEvent event ) {
    this.sequencer.next();
}
}