

```
1 /*
2  * To change this license header, choose License Headers in Project Properties.
3  * To change this template file, choose Tools | Templates
4  * and open the template in the editor.
5  */
6 package Modelo;
7
8 import java.util.concurrent.locks.Condition;
9 import java.util.concurrent.locks.Lock;
10 import java.util.concurrent.locks.ReentrantLock;
11 import java.util.logging.Level;
12 import java.util.logging.Logger;
13
14 /**
15  *
16  * @author marco
17  */
18 public class Paso {
19     private boolean detenido = false;
20     private Lock lock = new ReentrantLock();
21     private Condition detener = lock.newCondition();
22
23     public void mirar(){
24         try{
25             lock.lock();
26             while(detenido){
27                 detener.await();
28             }
29         } catch (InterruptedException ex) {
30             Logger.getLogger(Paso.class.getName()).log(Level.SEVERE, null, ex);
31         } finally {
32             lock.unlock();
33         }
34     }
35
36     public void reanudar(){
37         try{
38             lock.lock();
39             detenido = false;
40             detener.signalAll();
41         } finally {
42             lock.unlock();
43         }
44     }
45
46     public void detener(){
47         try{
48             lock.lock();
49             detenido = true;
50         } finally {
51             lock.unlock();
52         }
53     }
54 }
55
```