

```

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 Interfaz;
7
8  import java.io.*;
9  import java.time.LocalDateTime;
10 import java.time.format.DateTimeFormatter;
11 import java.util.Queue;
12 import java.util.concurrent.ConcurrentLinkedQueue;
13 import java.util.logging.*;
14
15 /**
16  *
17  * @author marco
18  */
19 public class Escritor extends Thread{
20     private PrintWriter log;
21     private Queue<String> colaMsg;
22
23     public Escritor(){
24         try {
25             log = new PrintWriter(new BufferedWriter(new FileWriter("evolucionCampamento.txt")));
26         } catch (IOException ex) {
27             Logger.getLogger(Escritor.class.getName()).log(Level.SEVERE, null, ex);
28         }
29         colaMsg = new ConcurrentLinkedQueue<String>();
30     }
31
32     public synchronized void addMsg(String msg){
33         LocalDateTime evtTime = LocalDateTime.now();
34         DateTimeFormatter dtf = DateTimeFormatter.ofPattern("yyyy/MMMM/dd hh:mm:ss");
35         msg += " - " + dtf.format(evtTime);
36         colaMsg.offer(msg);
37     }
38
39     public void print(){
40         if (!colaMsg.isEmpty()){
41             log.println(colaMsg.poll());
42         }
43     }
44
45     public void close(){
46         log.close();
47     }
48
49     public void run(){
50         while(true){
51             print();
52         }
53     }
54 }
55

```