

```
1 package poo_unidade_11_ex07_metodosincronizado;
2
3 import java.util.concurrent.ExecutorService;
4 import java.util.concurrent.Executors;
5
6 /**
7  * @author Edwar Saliba Júnior
8  */
9 public class MetodoSincronizado {
10
11     public static void main(String[] args) {
12         // Cria um pool de duas threads.
13         ExecutorService application = Executors.newFixedThreadPool(2);
14
15         Buffer sharedLocation = new SynchronizedBuffer();
16
17         System.out.printf("%-40s%s\t\t%s\n%-40s%s\n\n", "Operação", "Buffer",
18             "Ocupado", "-----", "-----\t\t-----");
19
20         try{
21             application.execute(new Produtor(sharedLocation));
22             application.execute(new Consumidor(sharedLocation));
23         }
24         catch(Exception e){
25             e.printStackTrace();
26         }
27
28         application.shutdown();
29     }
30 }
```