

# monitorCadena

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## 1 Introduction

```
monitor Cadena
var
  n,ultimo:integer
  buffer:array[] of integer[]
  mat:condition
  procedure extraeM(var m:integer[])
  begin
    if buffer.isEmpty then wait
    send(mat)
    integer[] m=buffer.get(ultimo-1)
    buffer.remove(ultimo-1)
    ultimo-
    send(mat)
  end
  procedure insertaM(m:integer[])
  begin
    if buffer.size()==n then wait
    send(mat)
    buffer.add(m)
    ultimo++
    send(mat)
  end
```