

Práctica 8 - Ejercicio 2

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August 2020

1 Pseudocódigo

```
monitor monitorCadena;
var
  buffer: array[1..tam] of matriz;
  bufferlleno: condition;
  buffervacio: condition;
  counter, tam, putIn, takeOut: integer

procedure insert(var valor: matriz)
begin
  if(counter == 0) wait (bufferlleno)
  buffer[putIn] = valor;
  putIn = (putIn + 1 ) % numSlots;
  counter++;
  send (buffervacio);
end;

procedure release(var n: integer)
begin
  if(counter == 0) wait (buffervacio)
  valor = buffer[takeOut]
  putIn = (takeOut + 1 ) % numSlots;
  counter--;
  send (bufferlleno);
end;

procedure main
begin
  buffer [tam]
  counter = 0; tam = 0; putIn = 0; takeOut = 0;
end
```