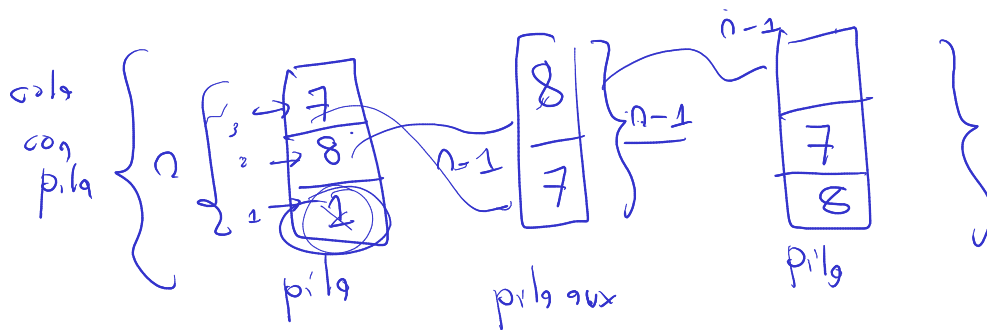


¿Cómo implementar una cola desde pilas?

PILA: LIFO
COLA: FIFO

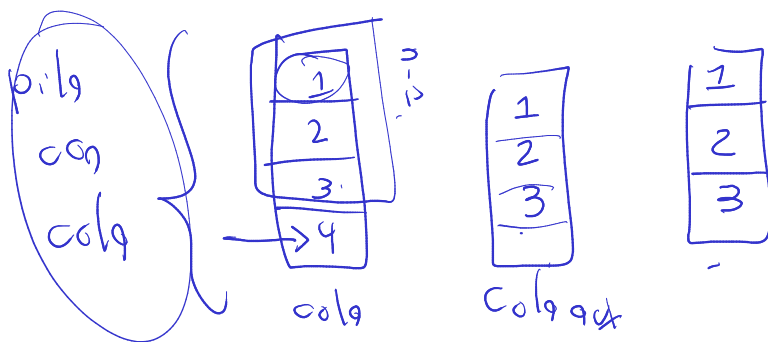
¿Cómo implementar una pila desde colas?



$$n-1 + n-1$$

$$2n-2$$

$$O(n)$$



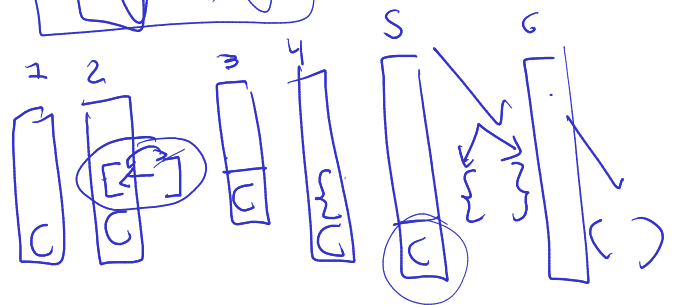
() { } < >

({ })

$O(n)$

Pila \rightarrow Apilar (E { < .

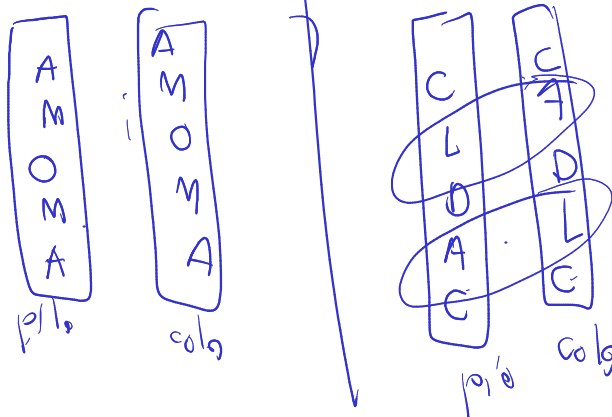
Desapilar ()



$O(n \log n)$ comparo

"AMOMA"
"CAAC"

Pilas
cola $O(n)$
"CANDLEC"



A handwritten diagram showing the numbers 1 through 10 arranged in a circle. A dashed line connects the number 1 to the number 3. The number 4 is circled, and the number 7 is written next to it. The numbers are written in a blue ink.

$$7-14-21$$
$$28-35-4$$

Cola

Fibonacci vector

0	1
1	1
	2
	N
	N
	N
	N

$$Fib(10) = \boxed{Fib(9)} + Fib(8)$$

$$f'(6)(10) = f'(6)(8) + f(7) + f(8)$$

$$f(10) = f(6) + f(7) + f(7) + f(8)$$

$$P(10) = P(4) + P(5) + P(7) + P(7) + P(8)$$

$$f(10) = f(2) + f(3) + f(5) + f(7) + f(7) + f(8)$$

$$f(2) = f(0) + f(2)$$