

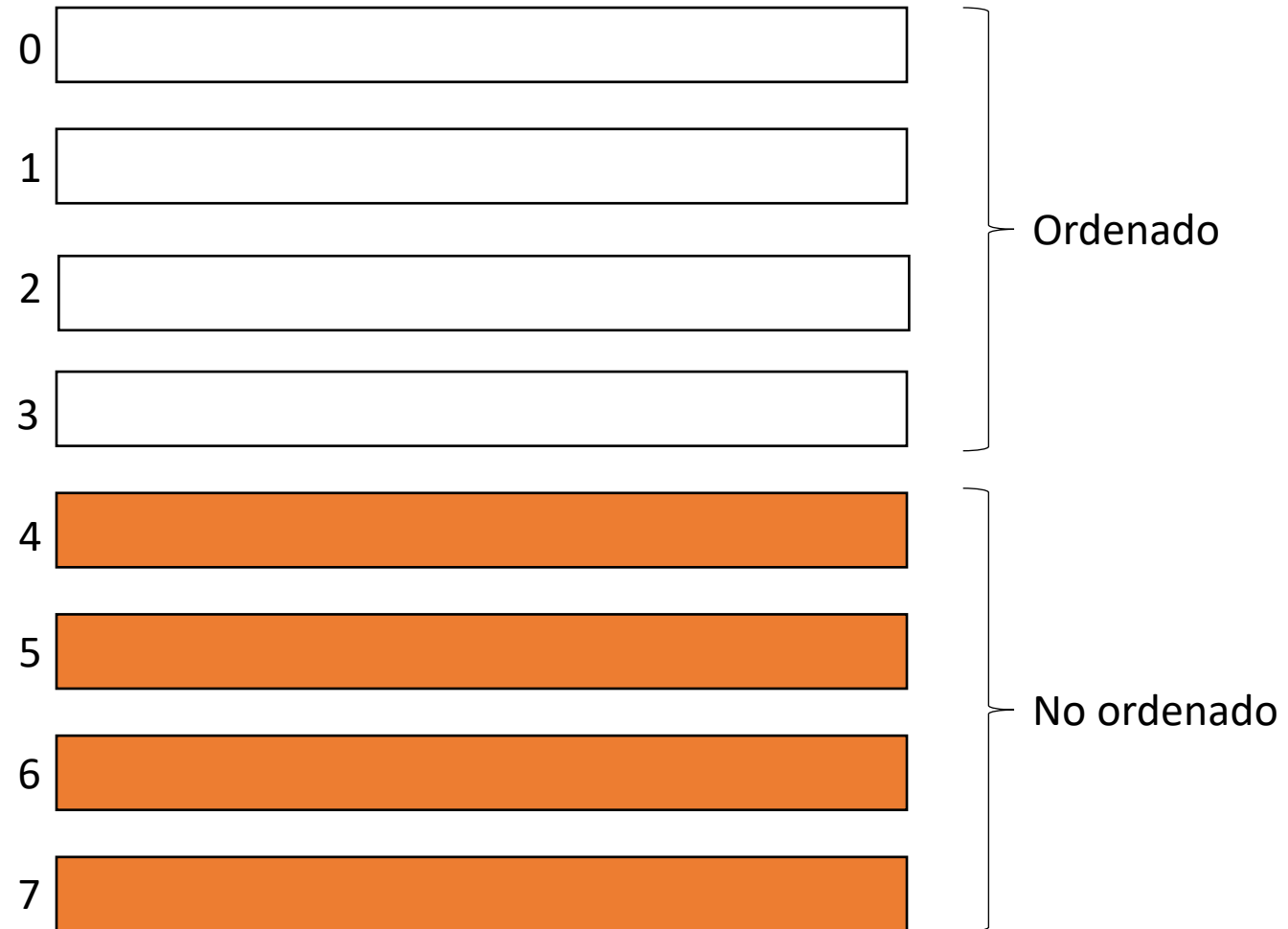
Estructuras de Datos

Anexo Laboratorio 1

Algoritmos de ordenación

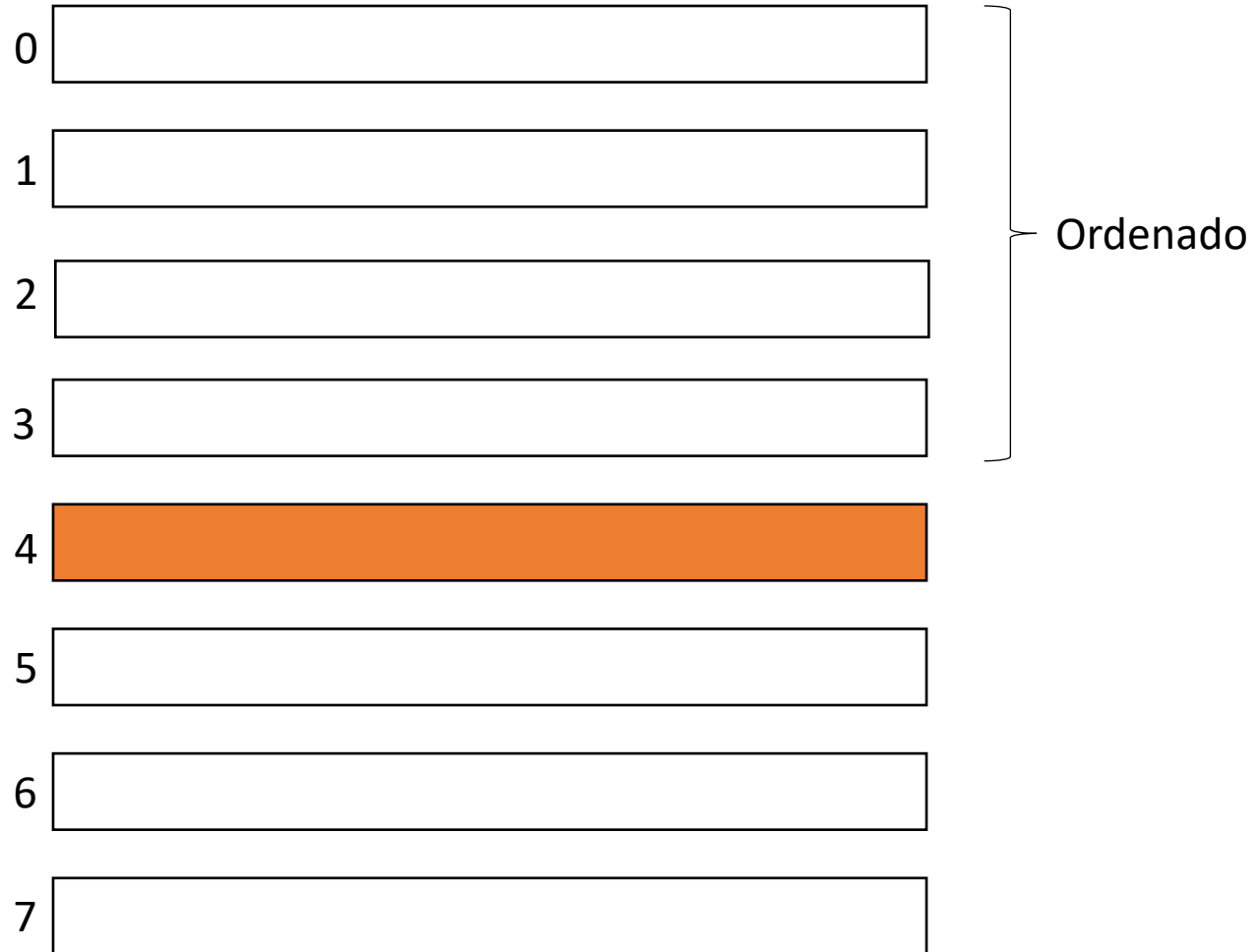
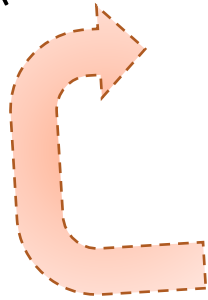
Curso 2021/2022

INSERCIÓN



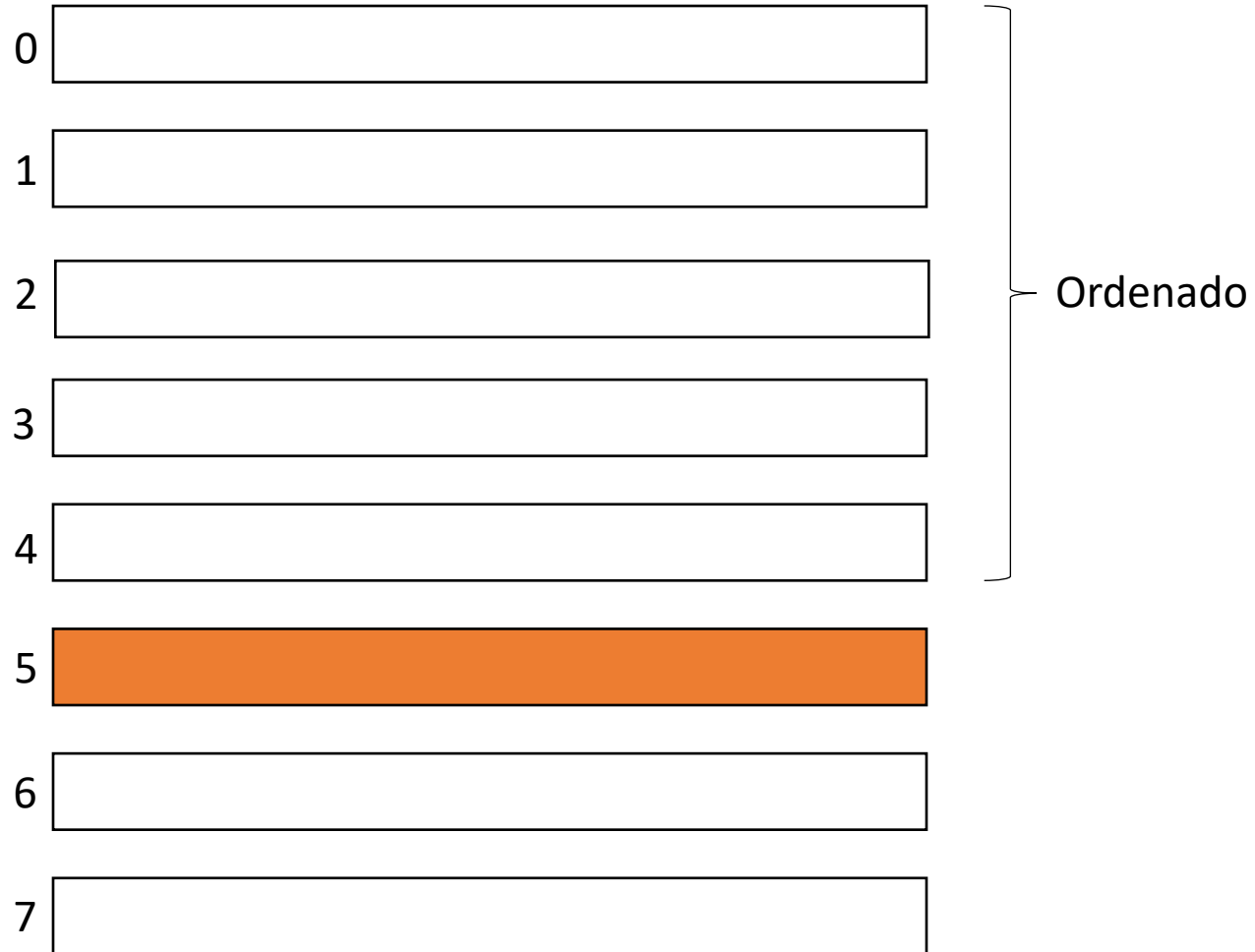
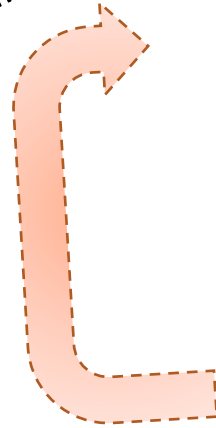
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Insertar
ordenadamente



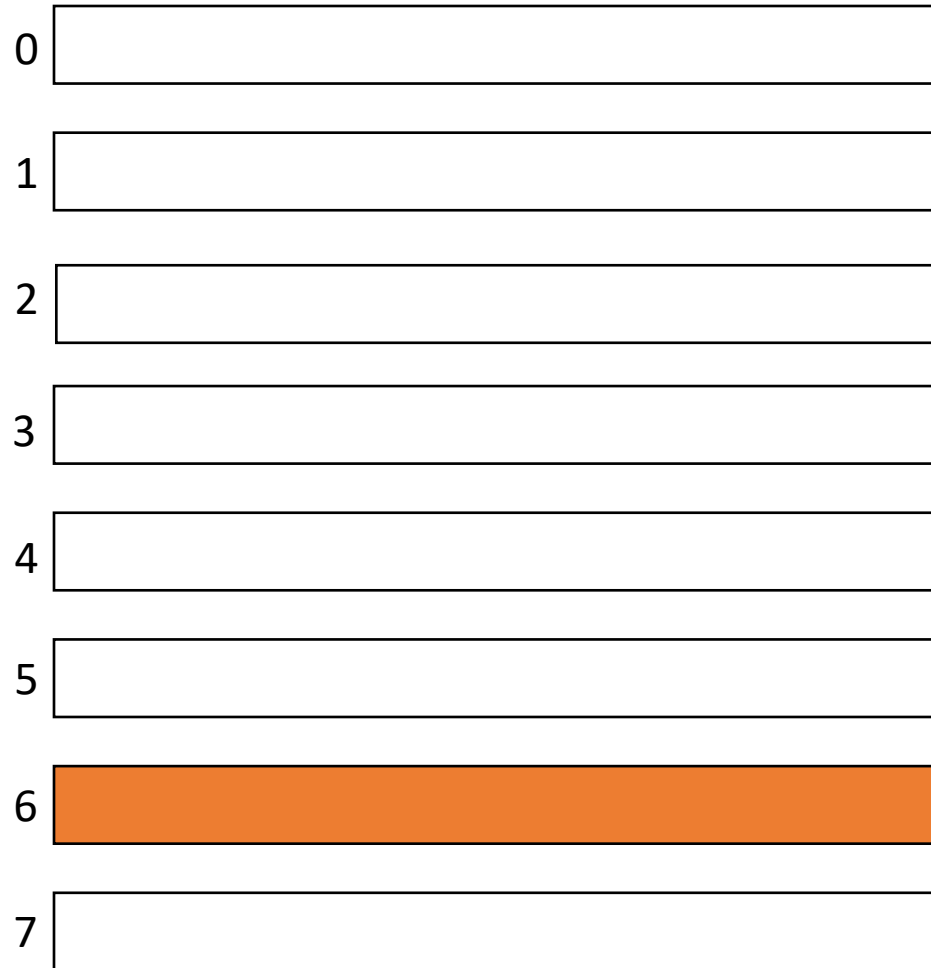
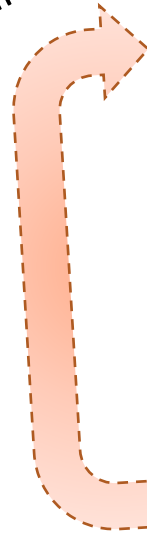
INSERCIÓN

Insertar
ordenadamente



INSERCIÓN

Insertar
ordenadamente

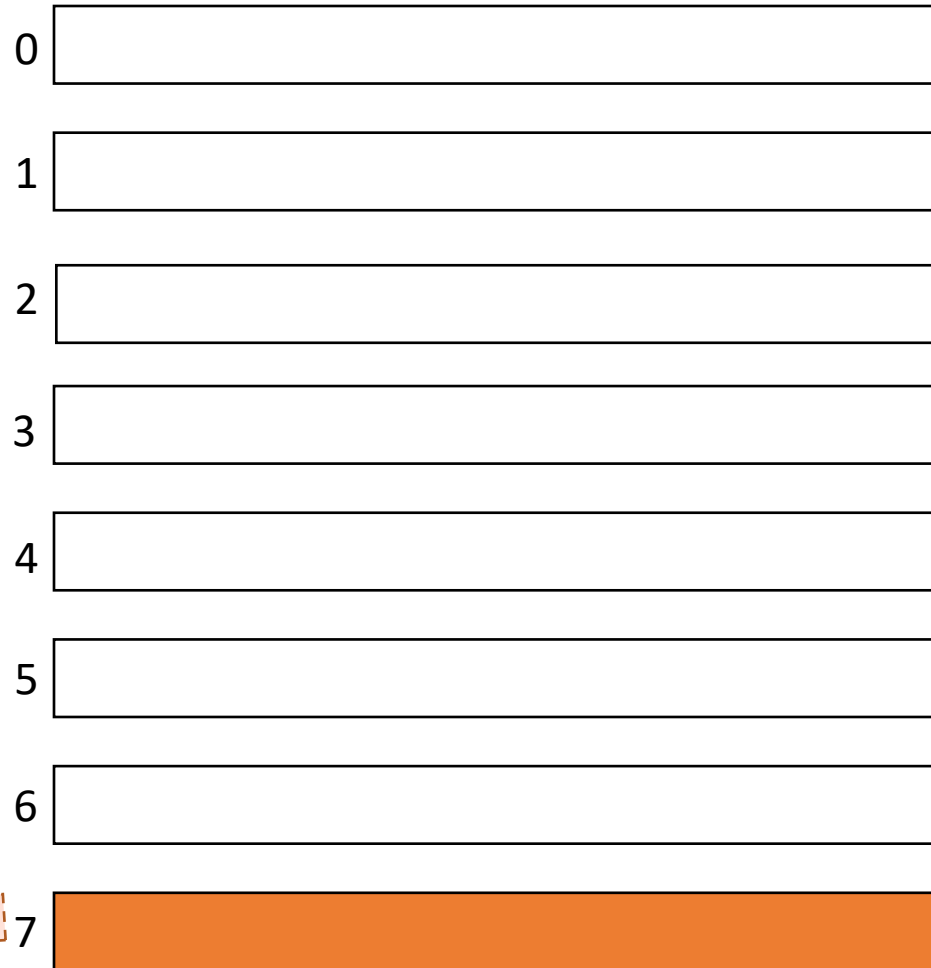
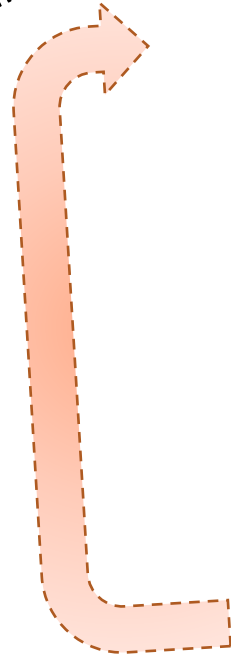


} Ordenado



INSERCIÓN

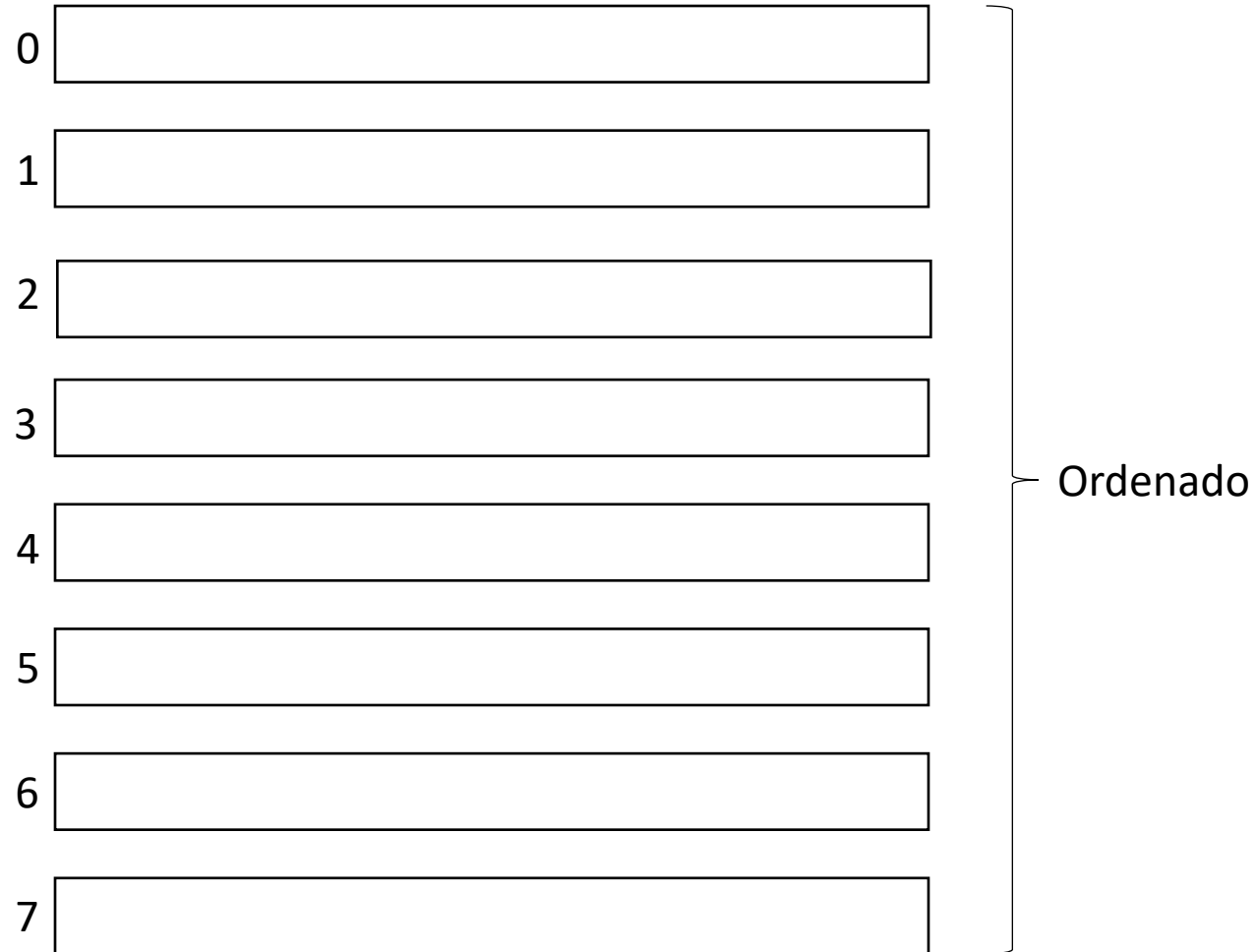
Insertar
ordenadamente



Ordenado



INSERCIÓN

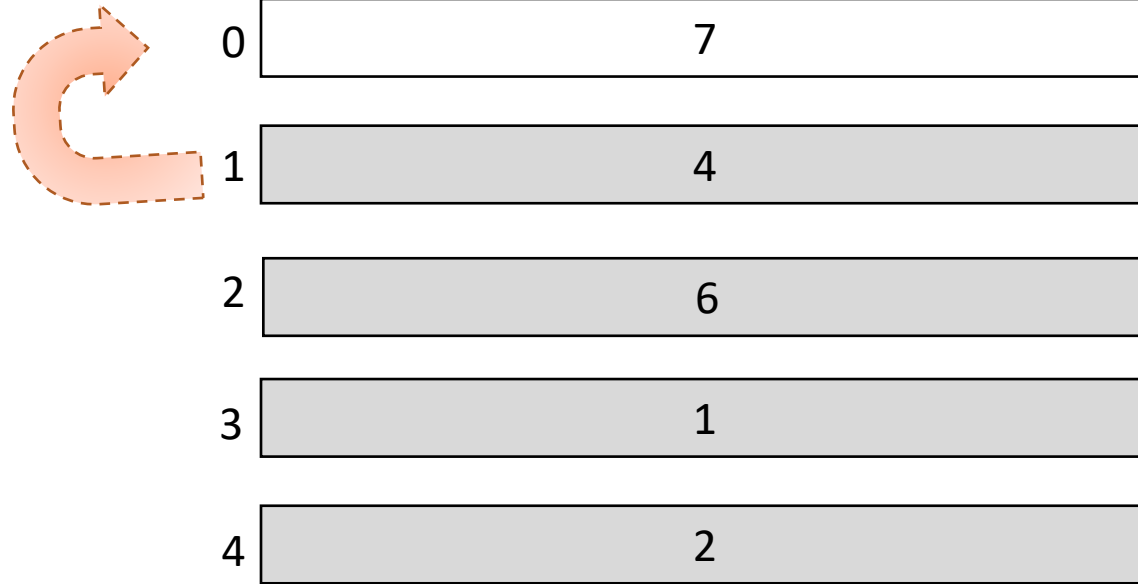


INSERCIÓN

0	7
1	4
2	6
3	1
4	2



INSERCIÓN

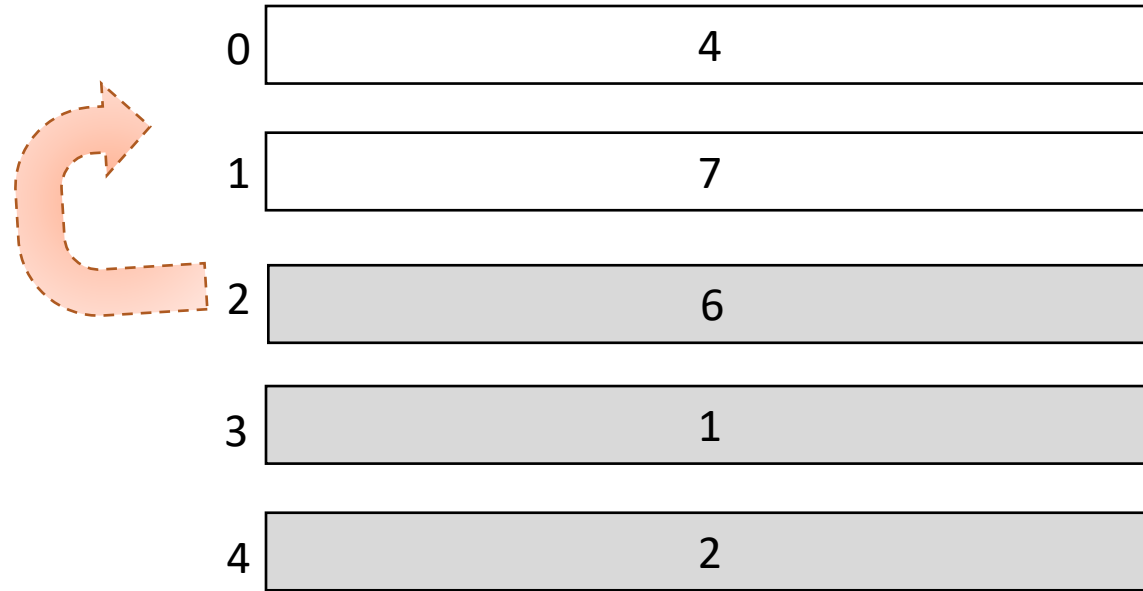


INSERCIÓN

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1	7
2	6
3	1
4	2



INSERCIÓN

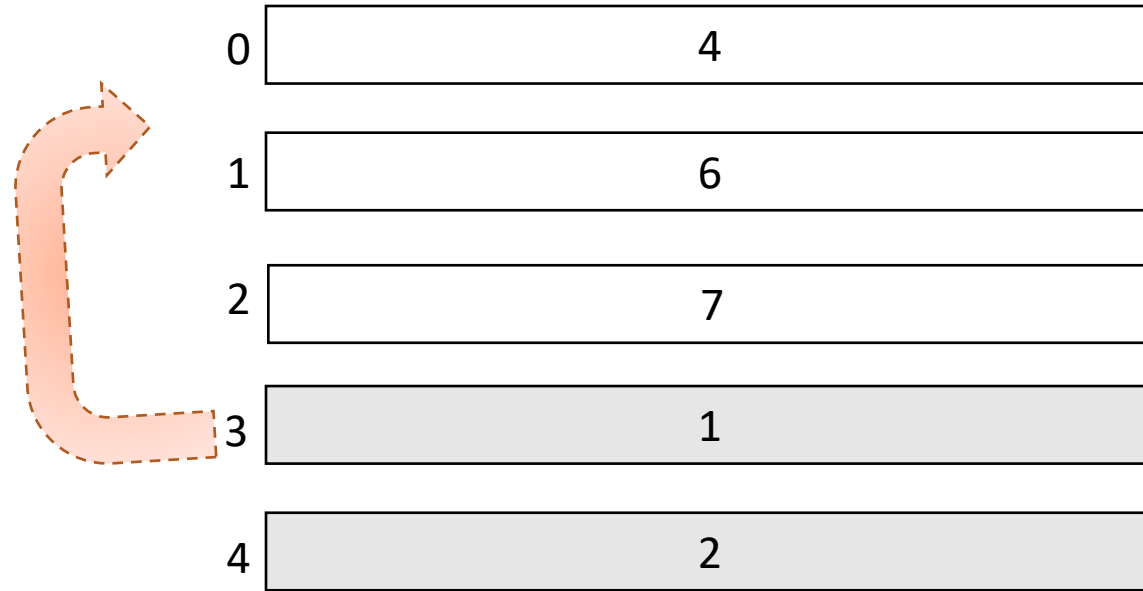


INSERCIÓN

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1	6
2	7
3	1
4	2



INSERCIÓN

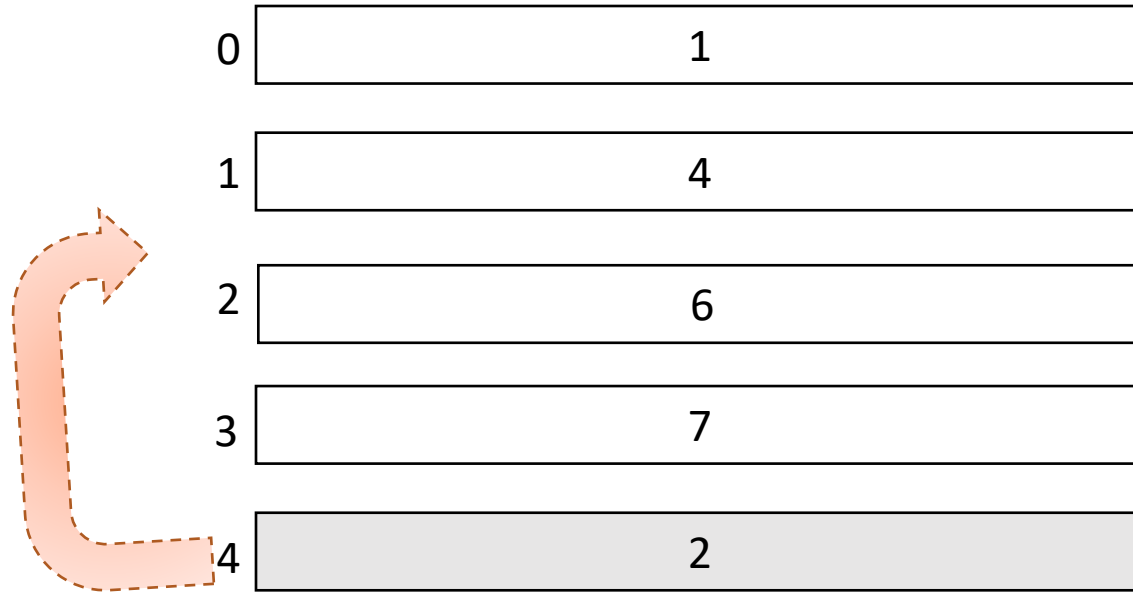


INSERCIÓN

0	1
1	4
2	6
3	7
4	2



INSERCIÓN



INSERCIÓN

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1	2
2	4
3	6
4	7

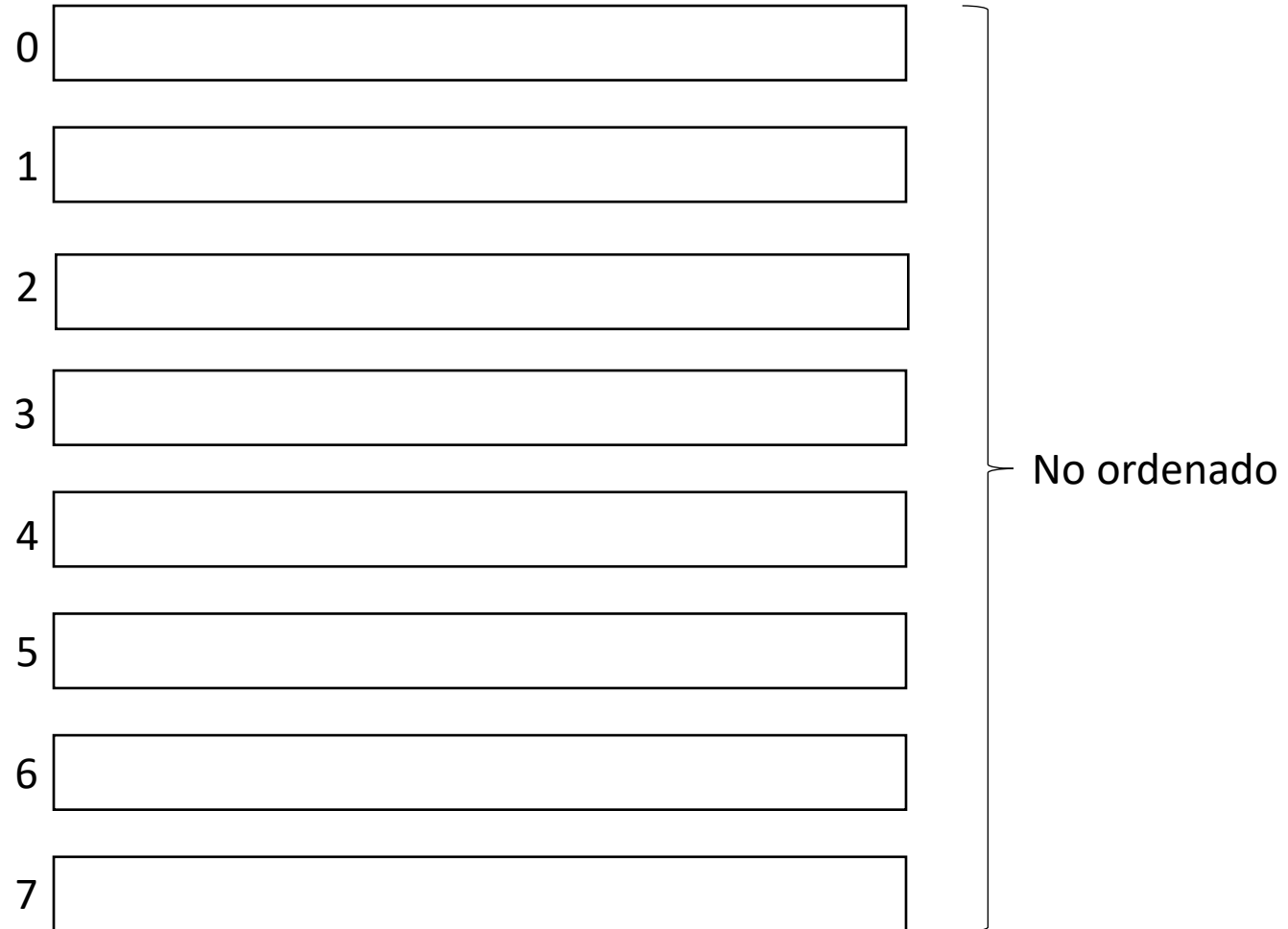


INSERCIÓN

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1	2
2	4
3	6
4	7

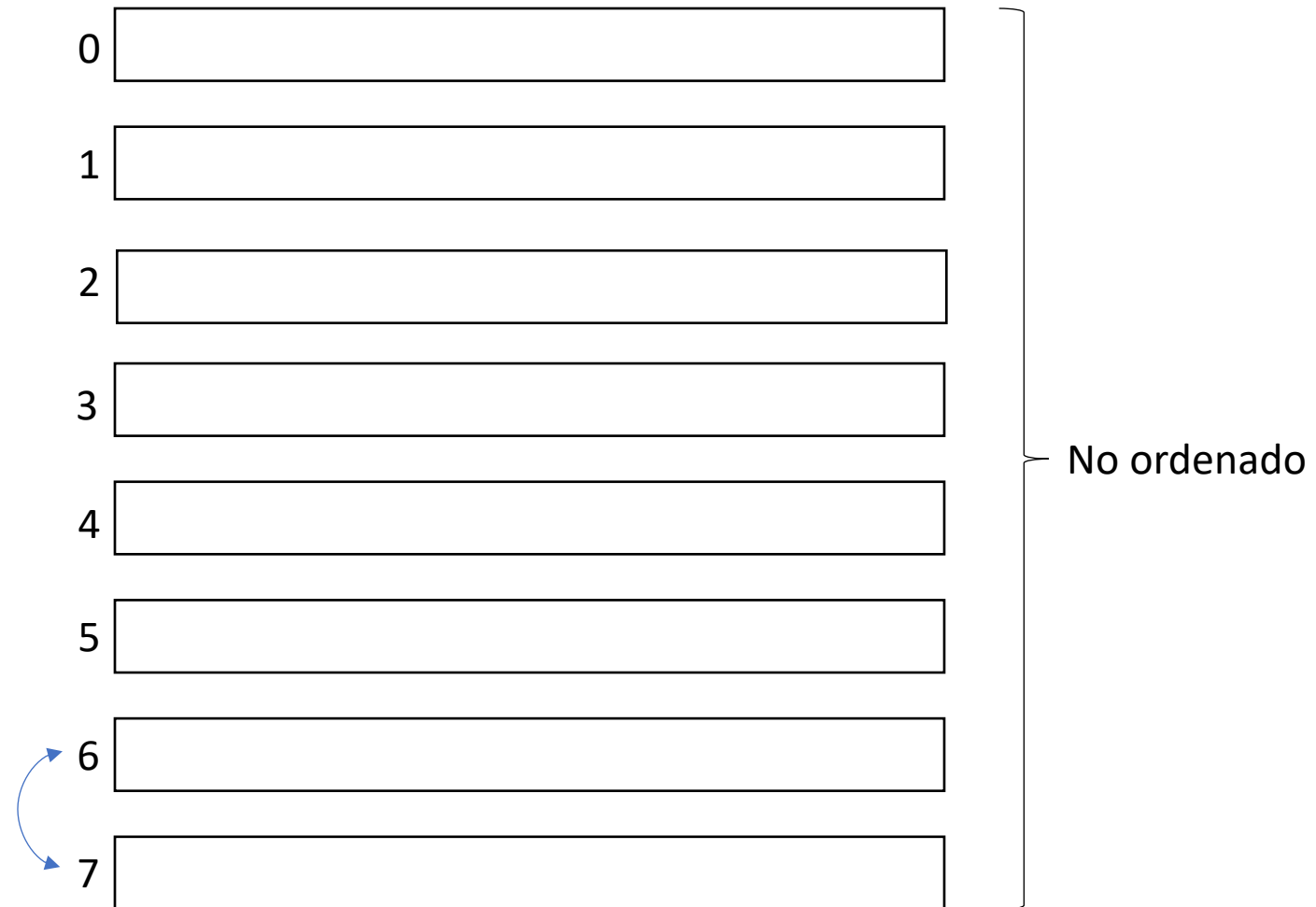


BURBUJA



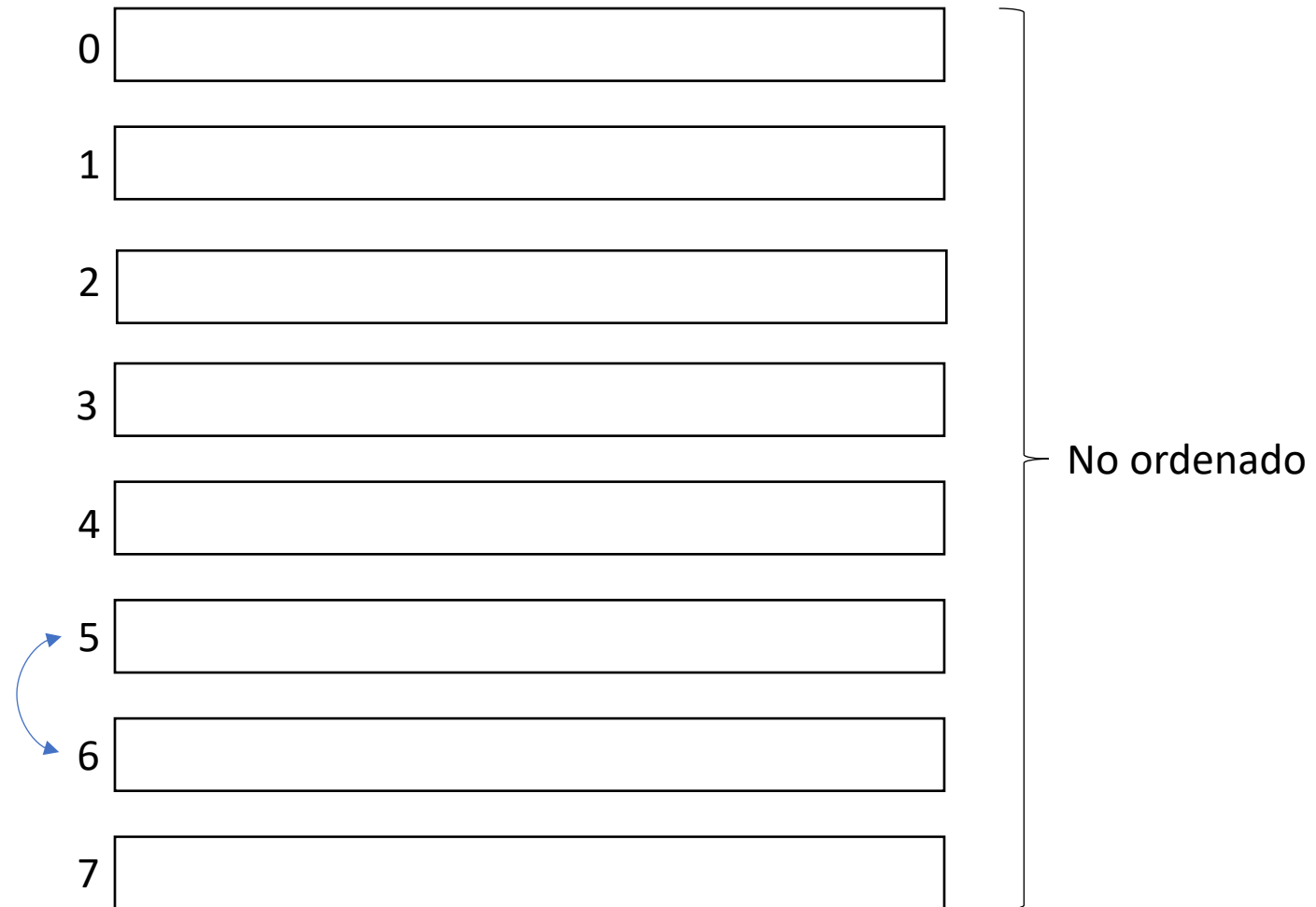
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VUELTA 1



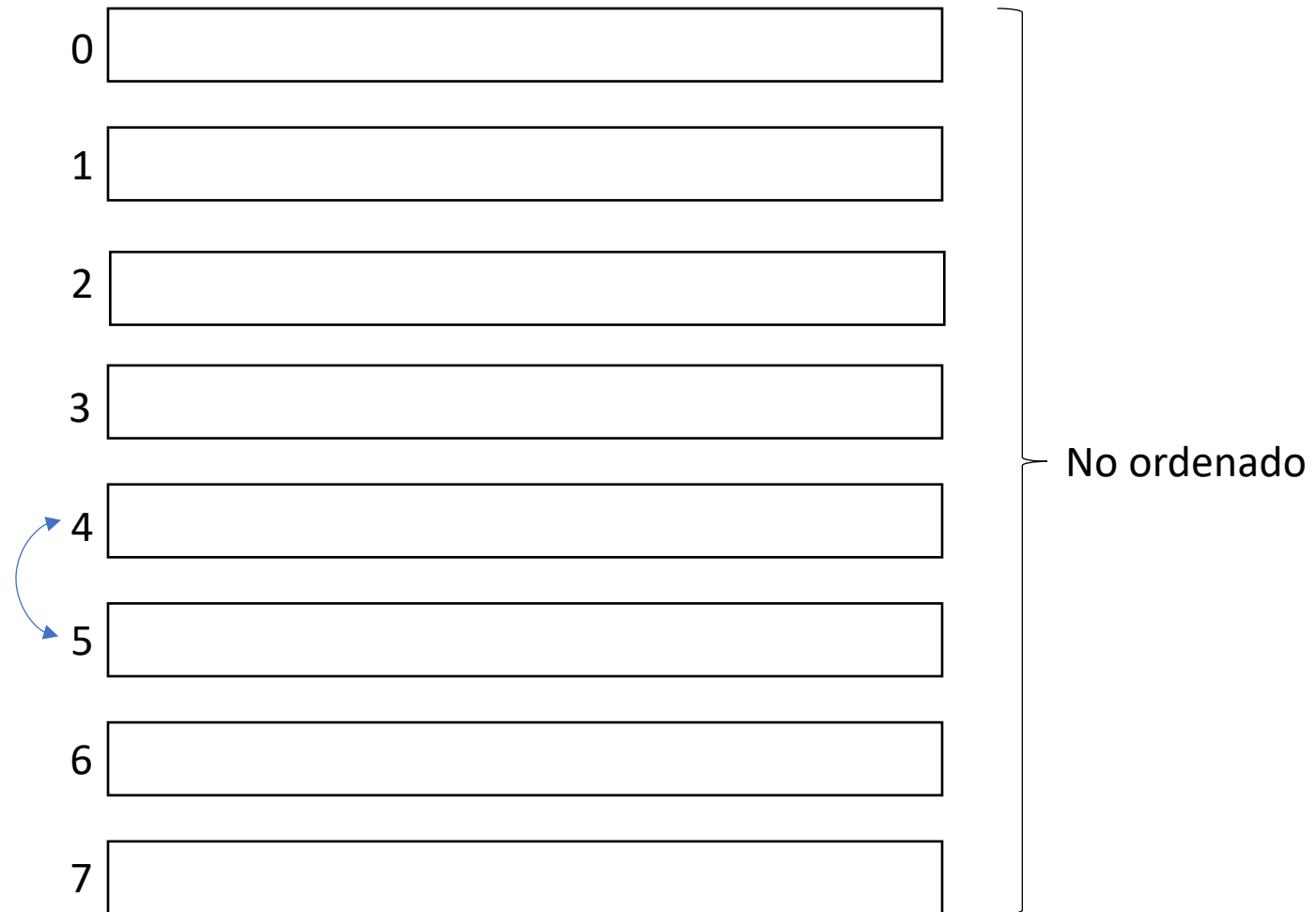
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VUELTA 1



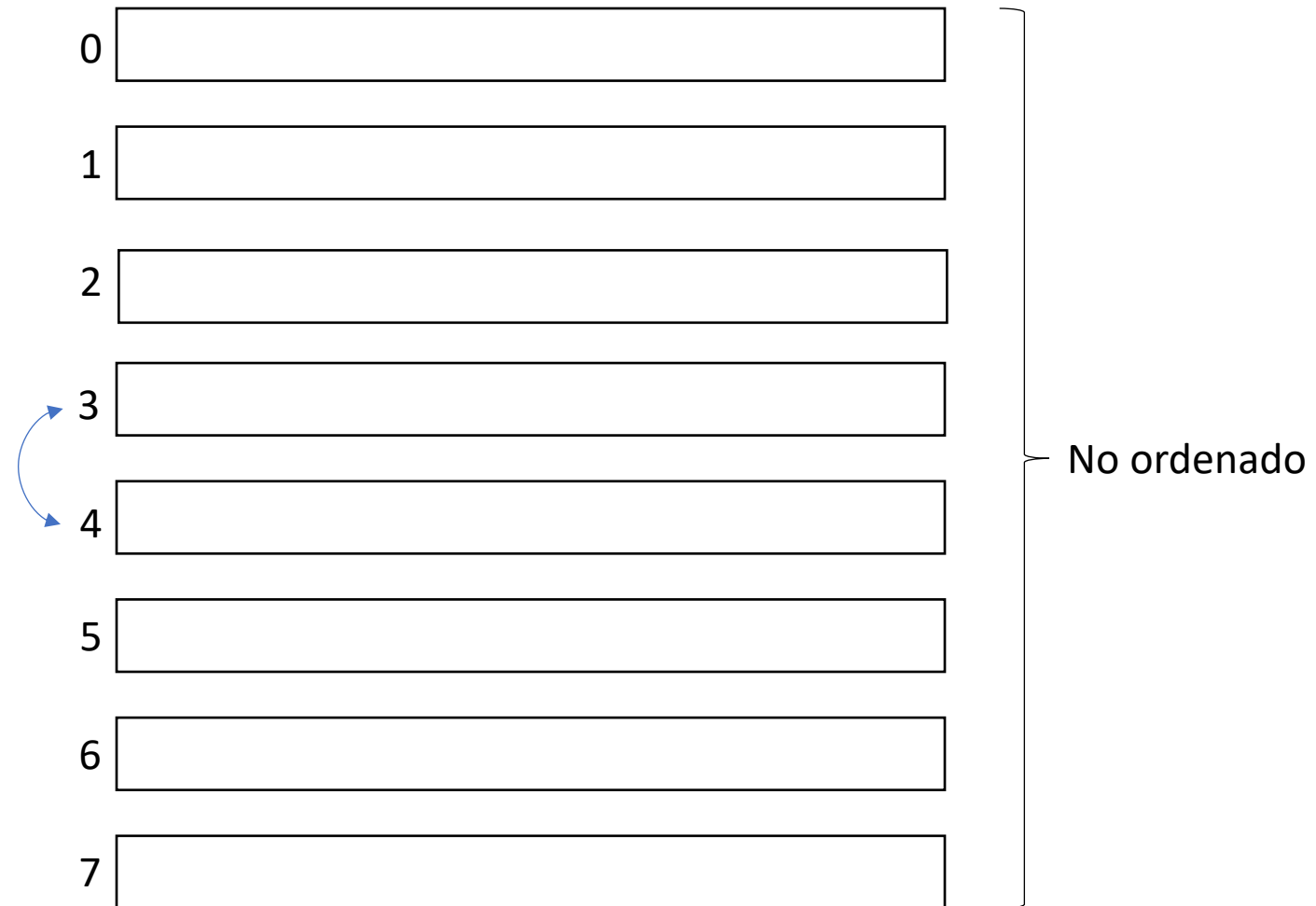
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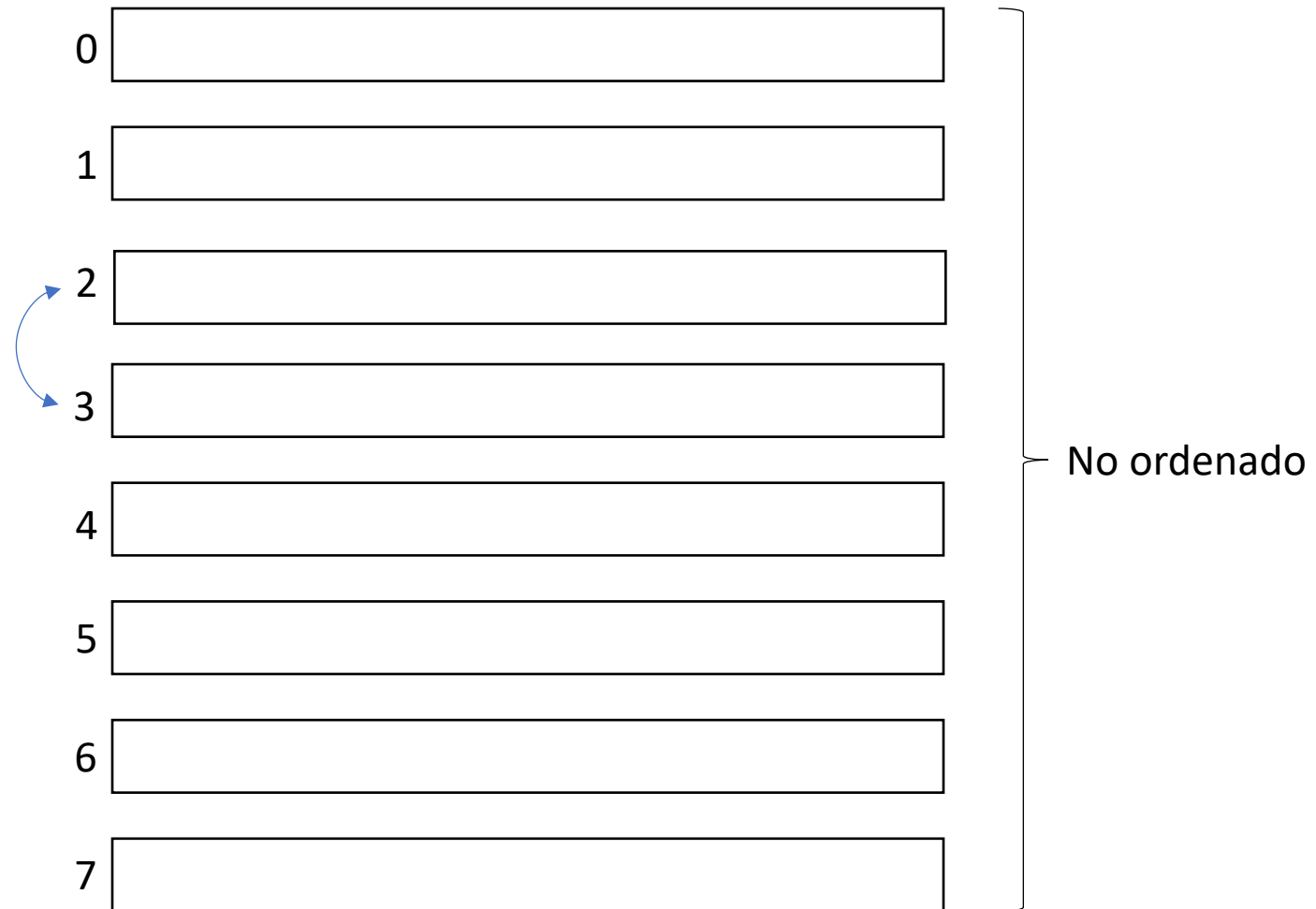
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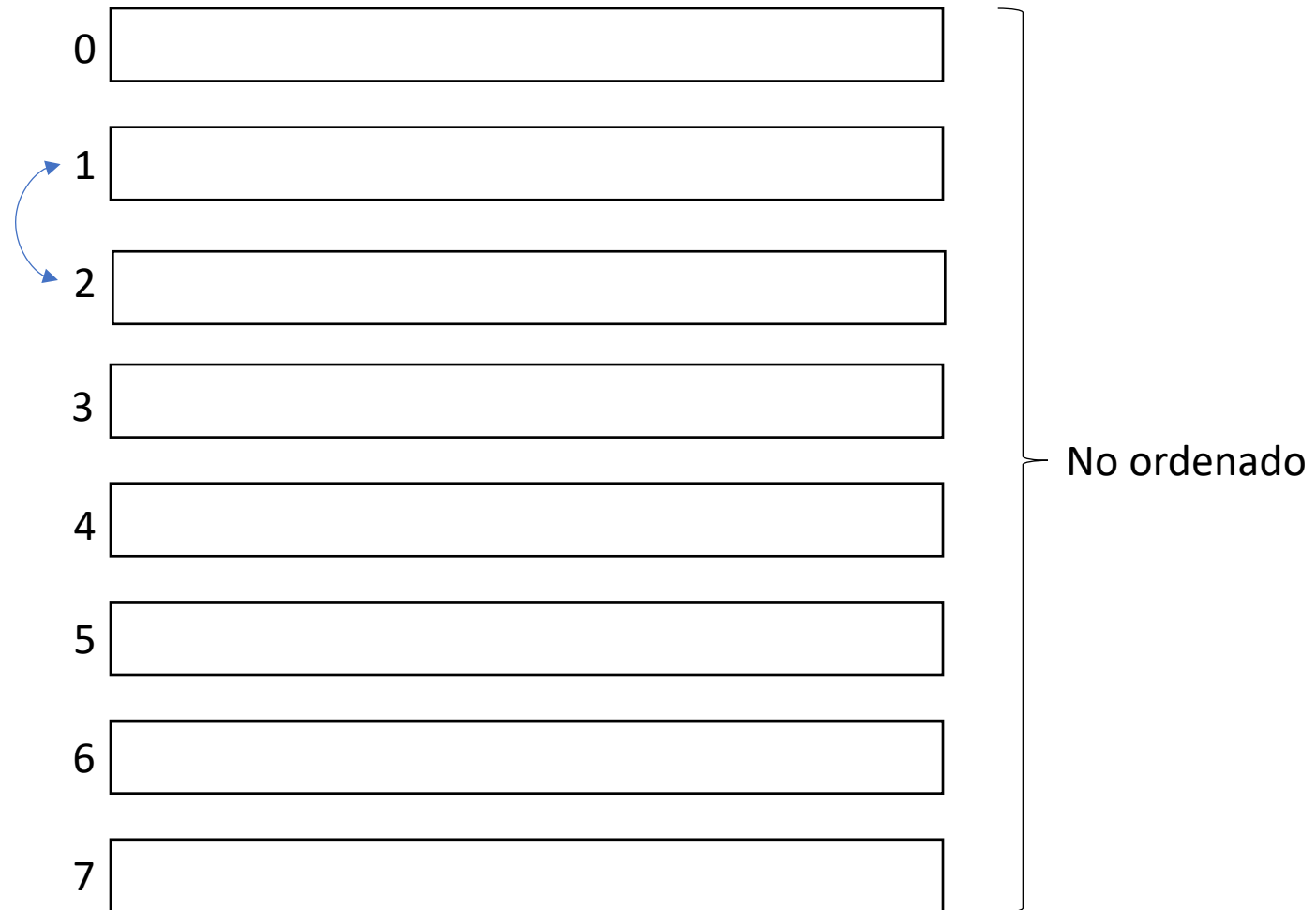
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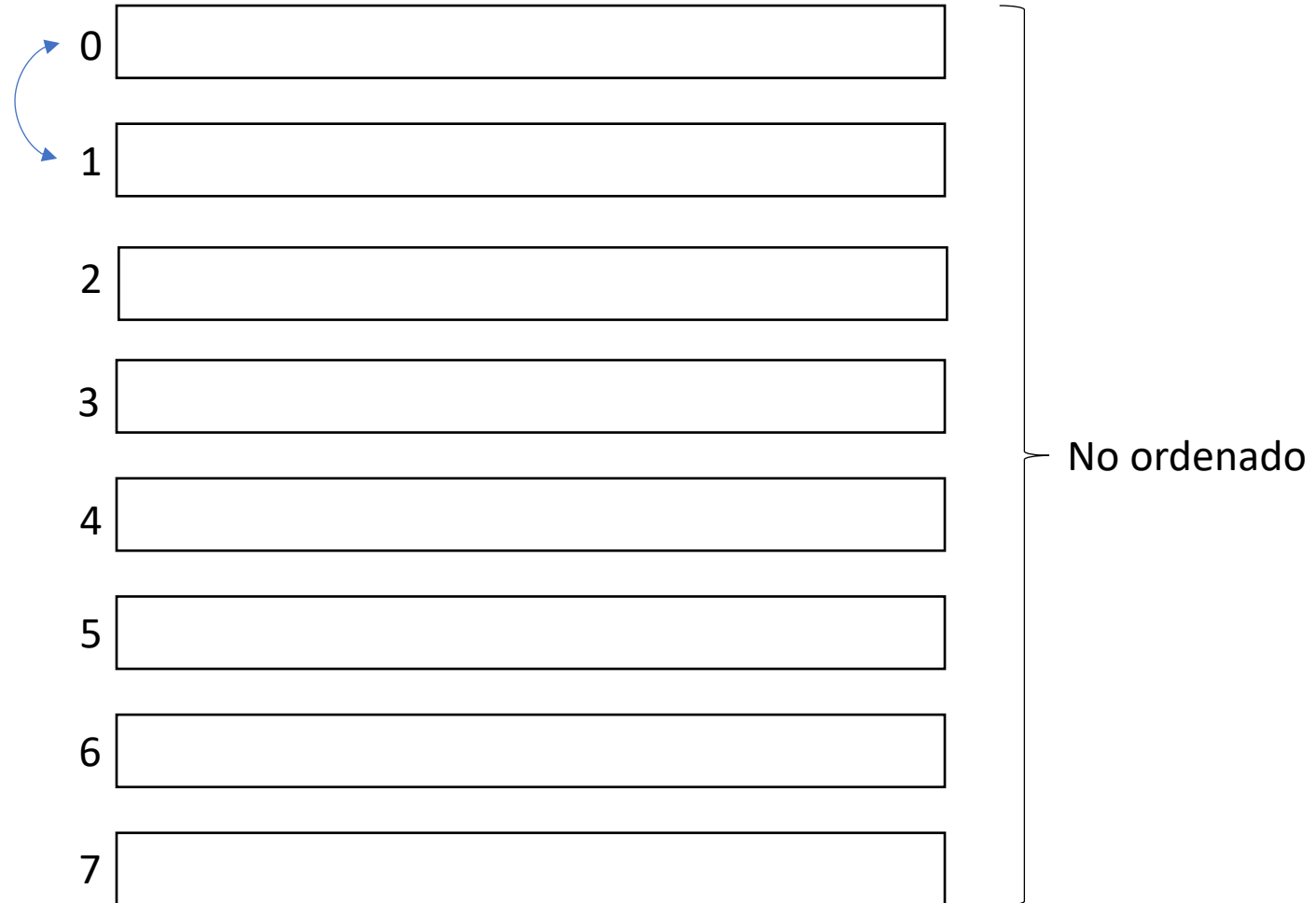
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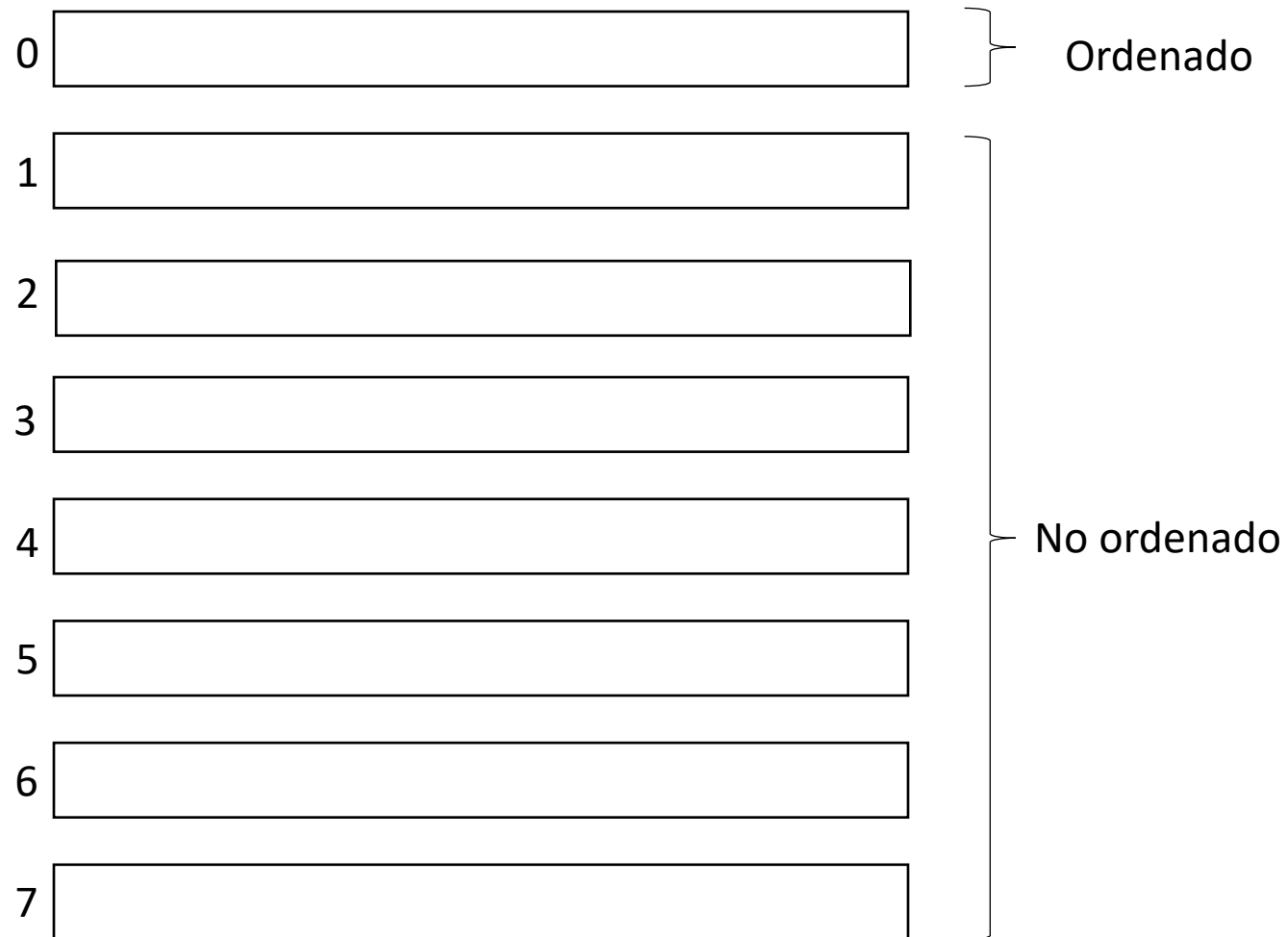
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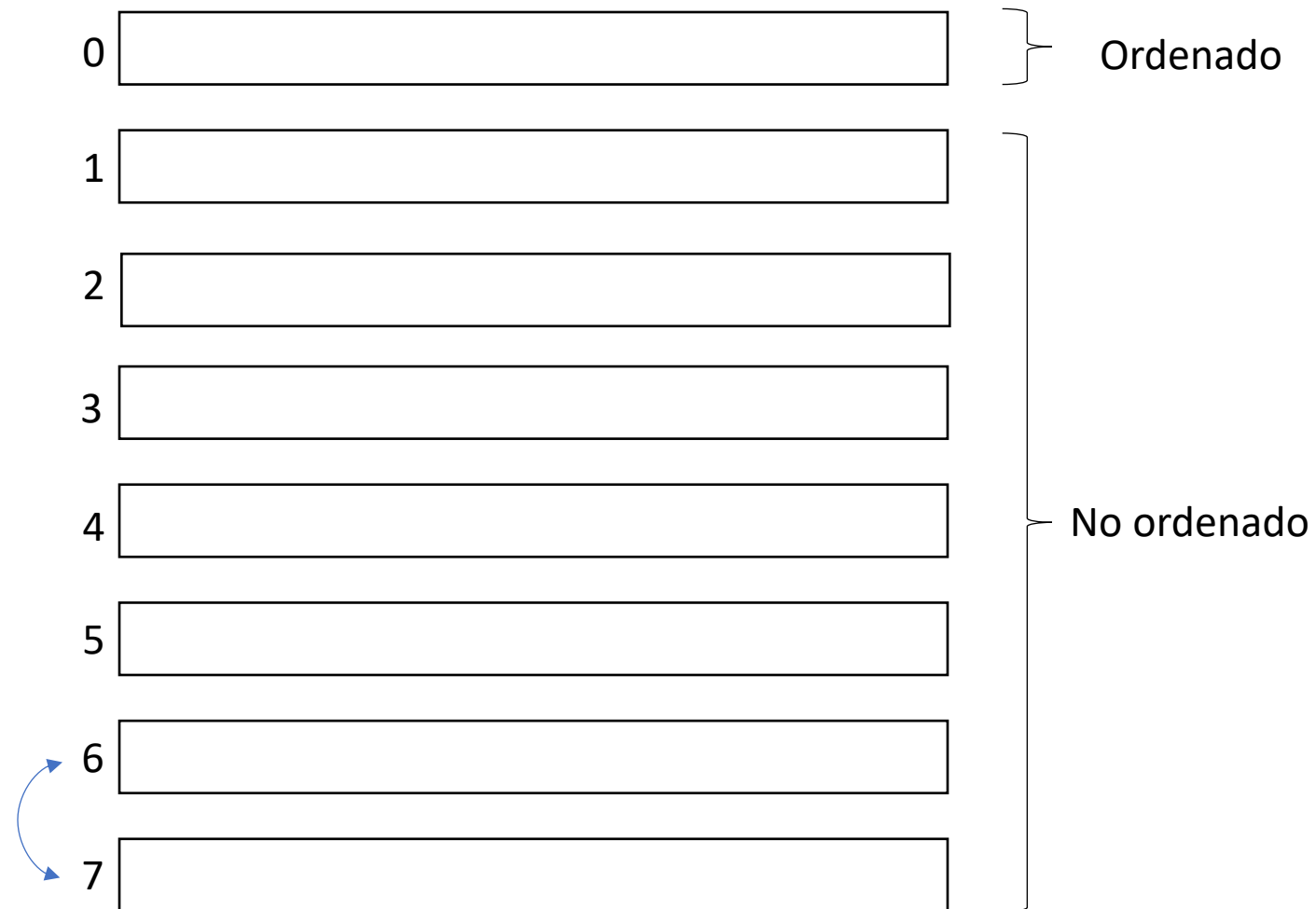
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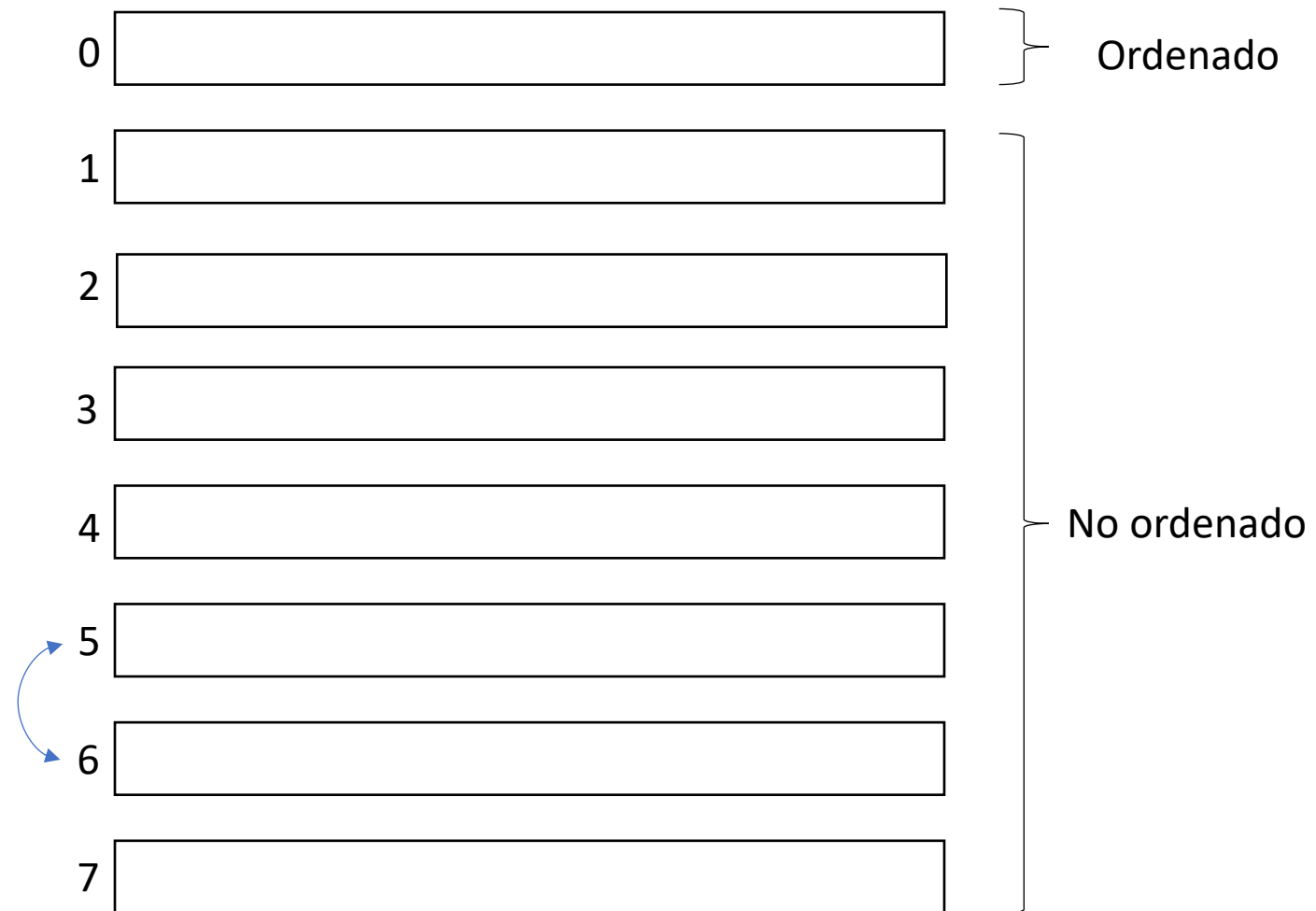
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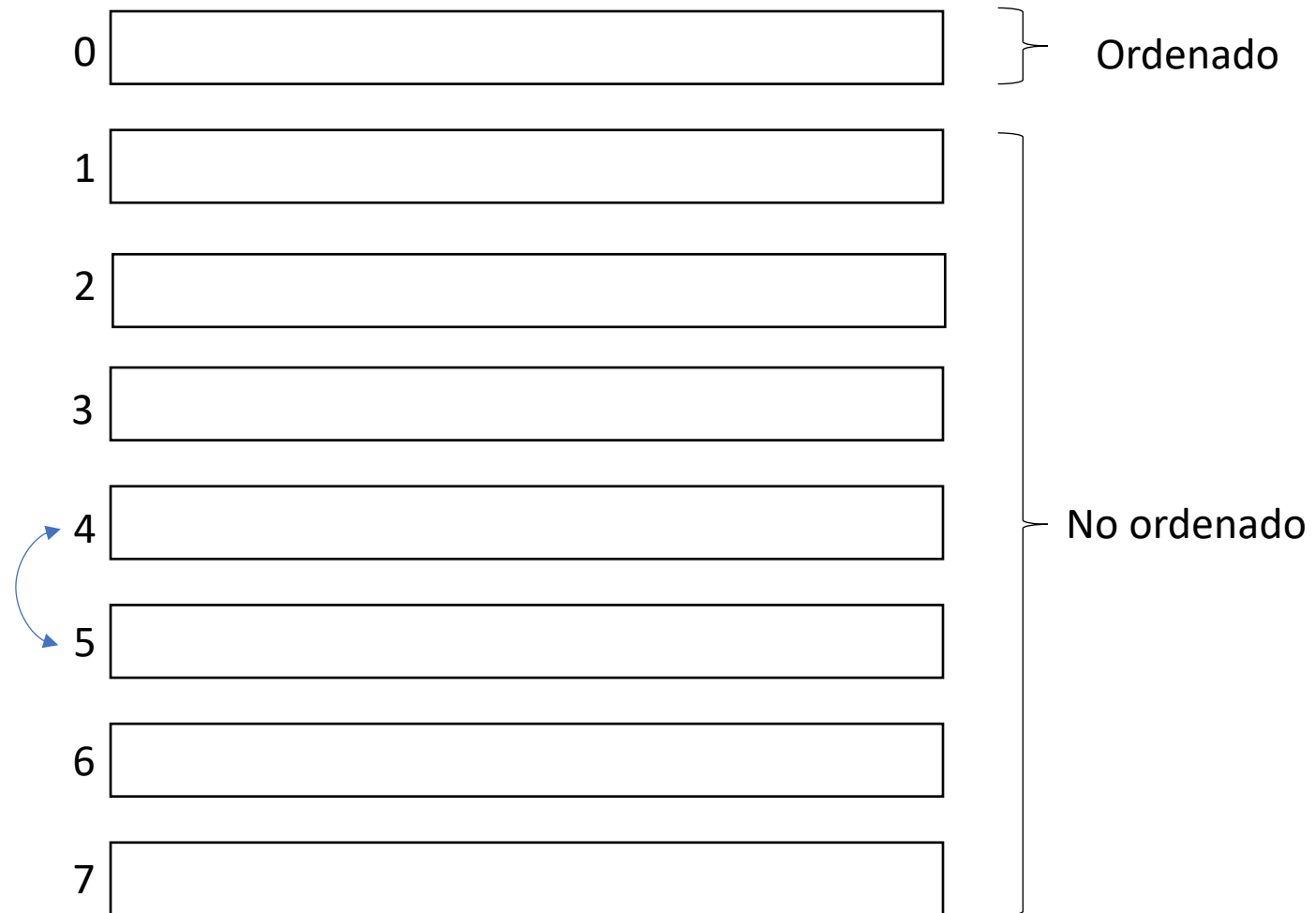
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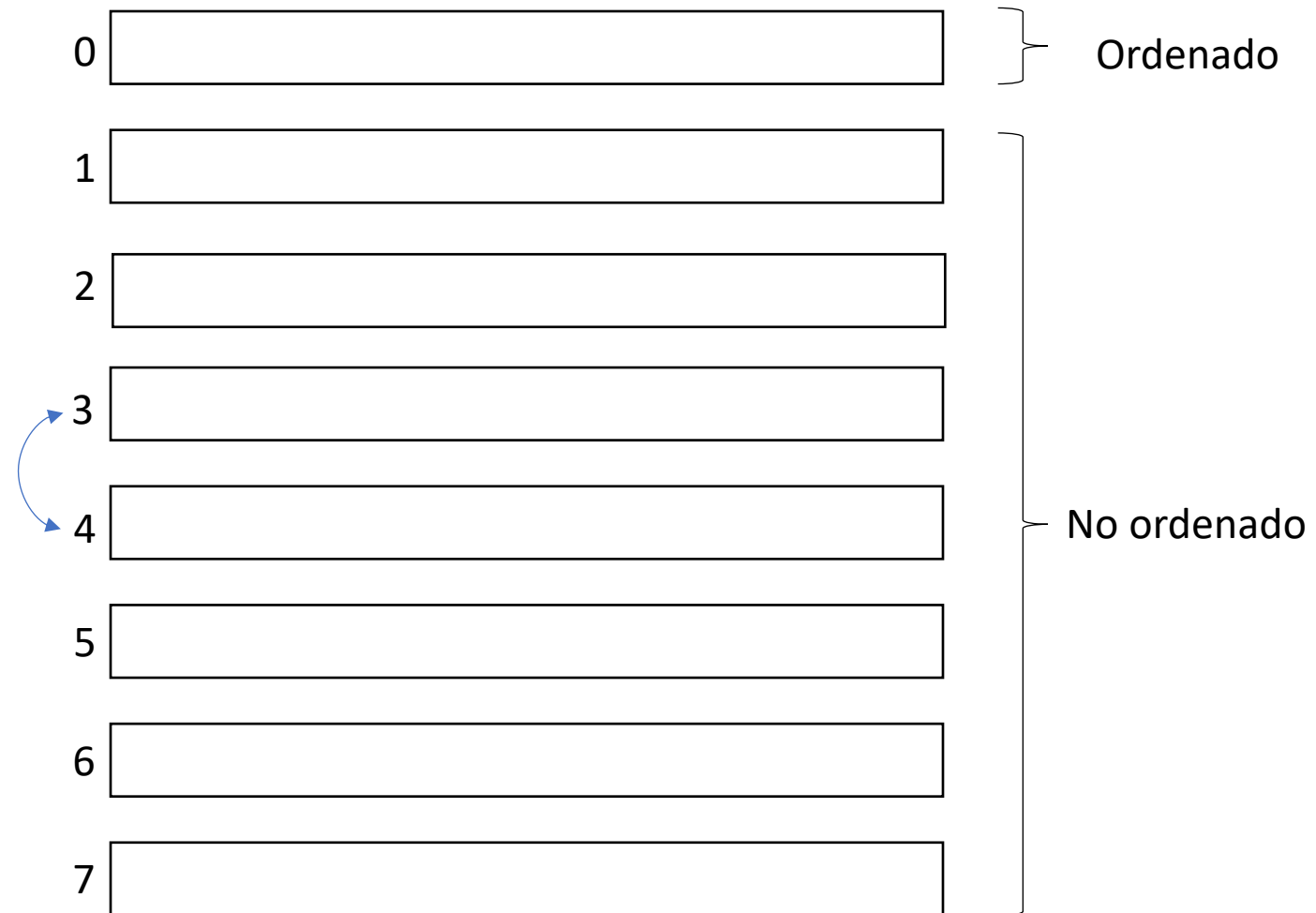
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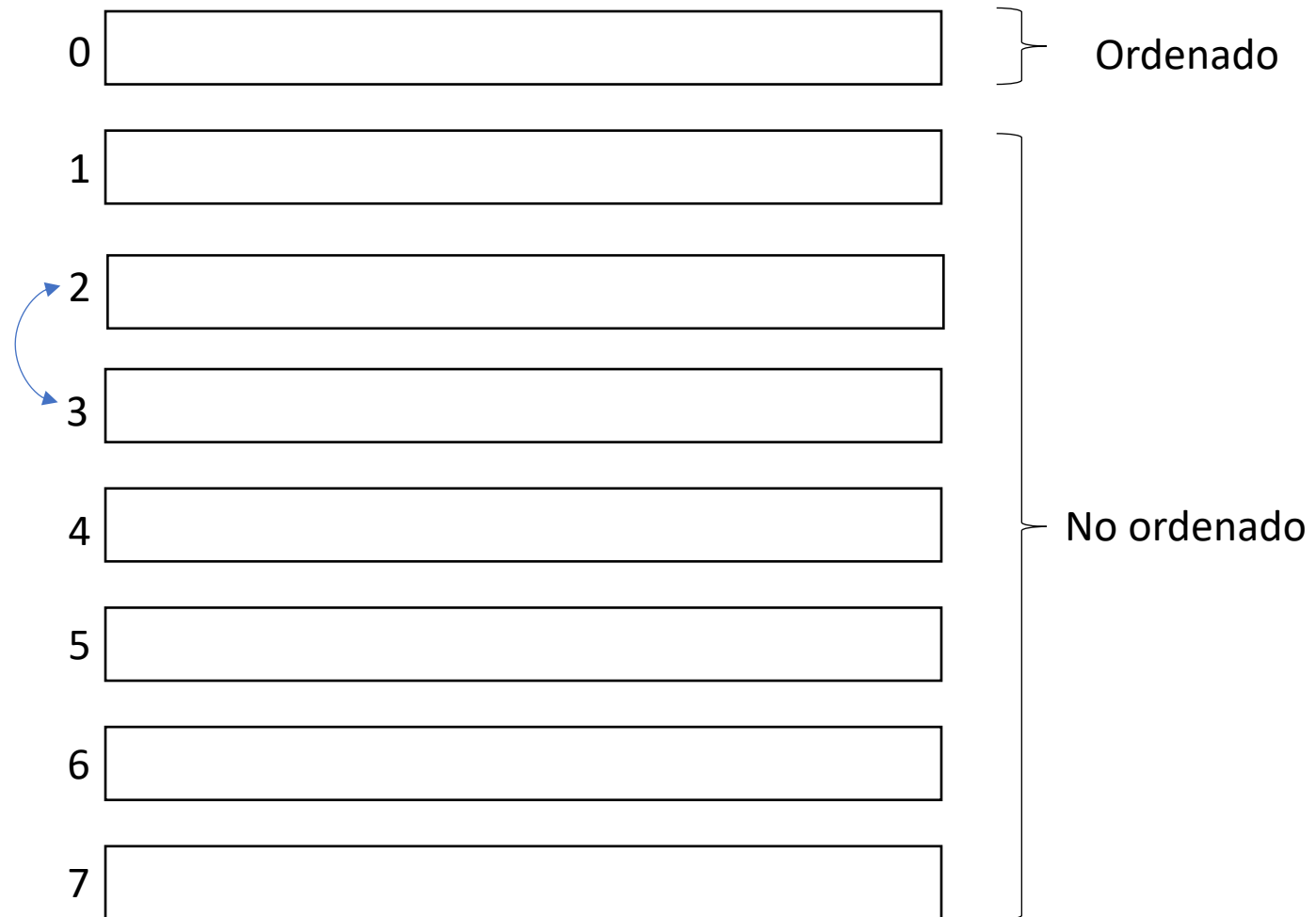
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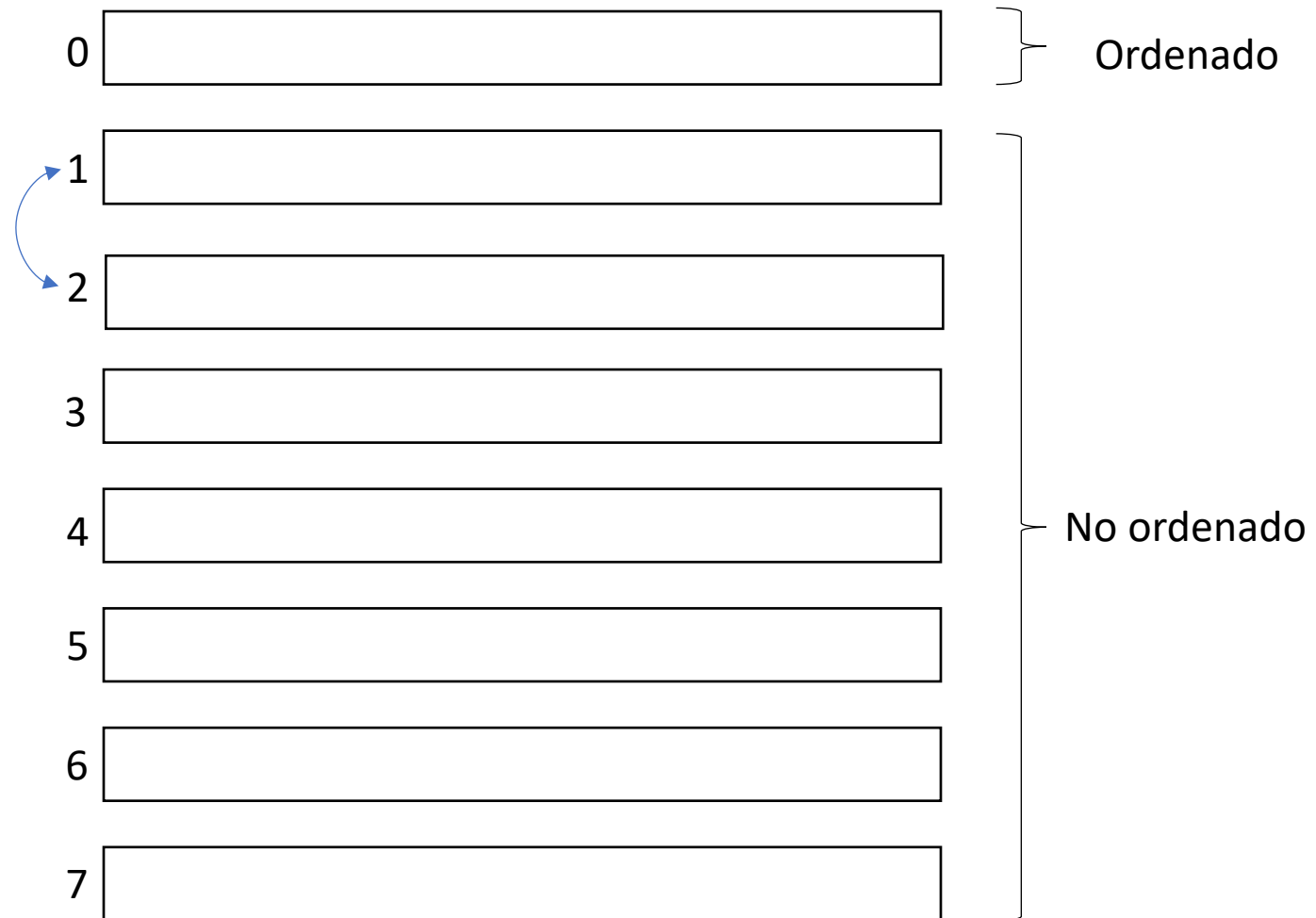
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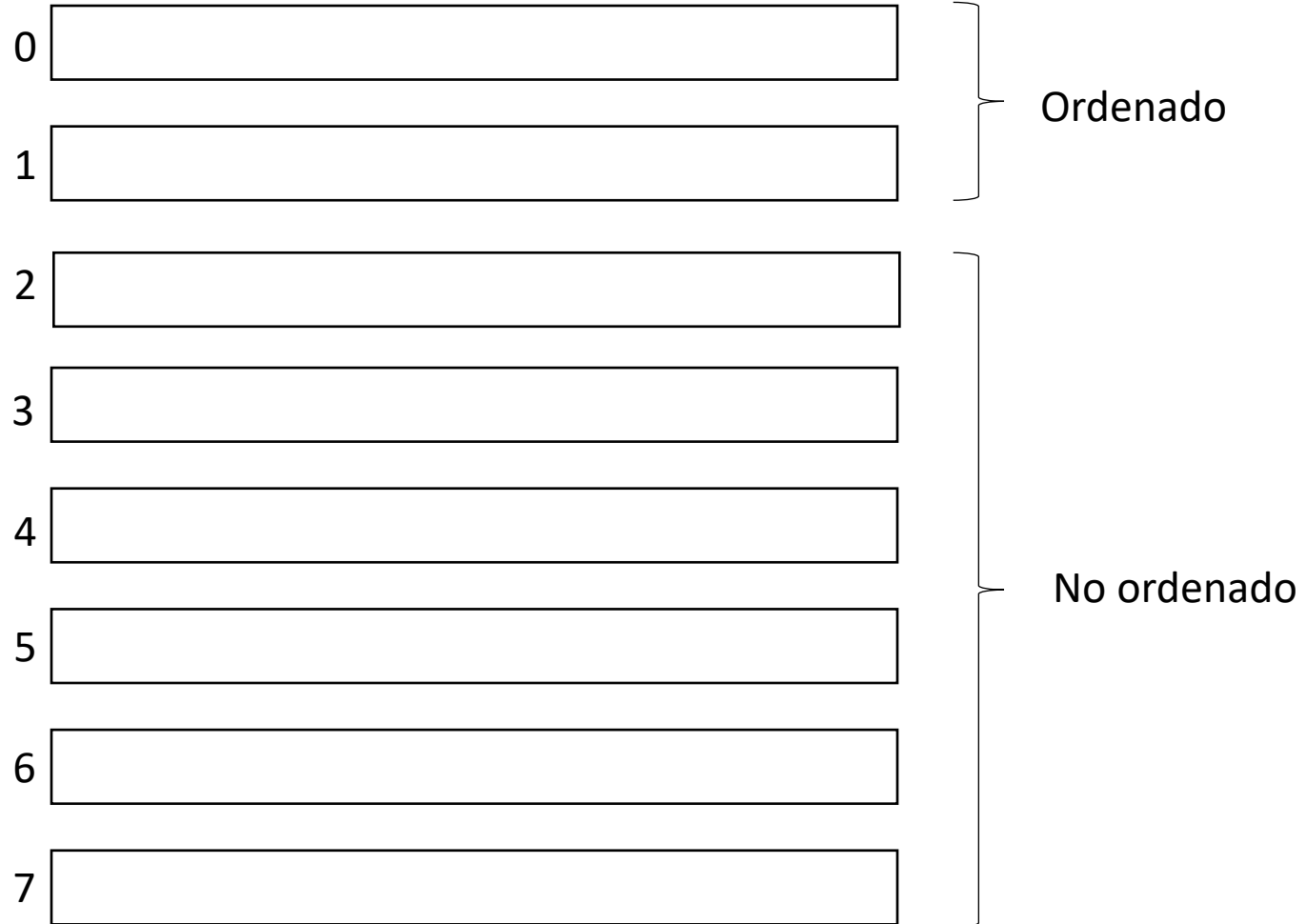
BURBUJA

VUELTA 2



BURBUJA

VUELTA 2



BURBUJA

VUELTA N-1

.
. .
.

0

1

2

.

3

.

4

5

6

7

Ordenado

Posible mejora: acabar si en una vuelta no hay intercambios



Universitat de Lleida
Departament d'Informàtica
i Enginyeria Industrial

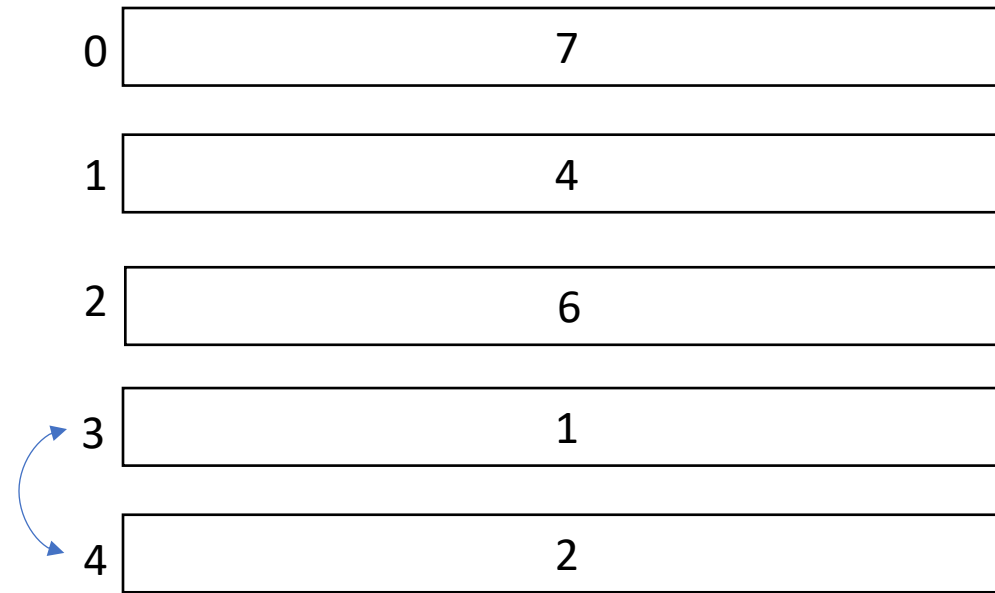
BURBUJA

0	7
1	4
2	6
3	1
4	2



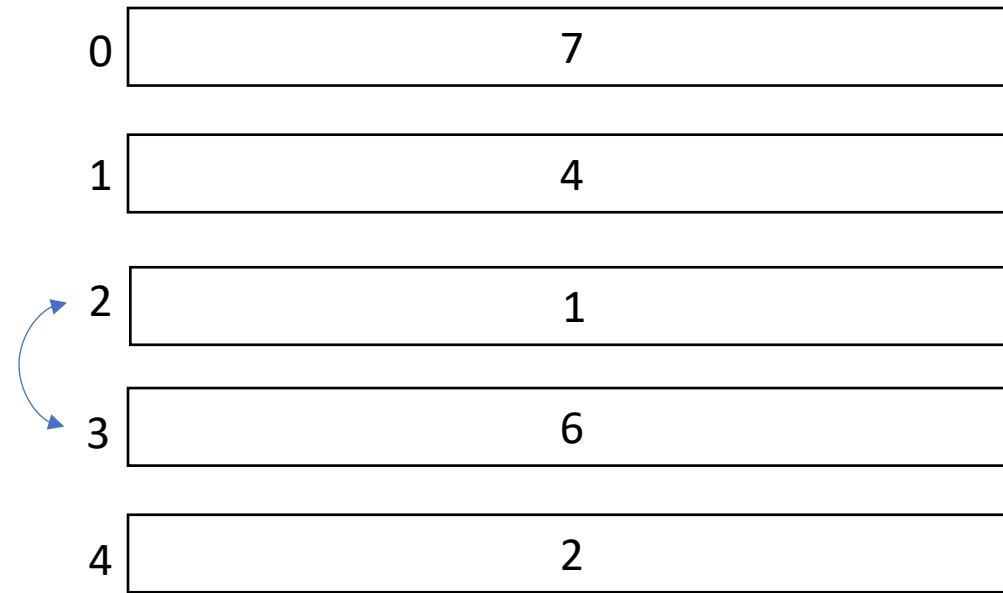
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VUELTA 1



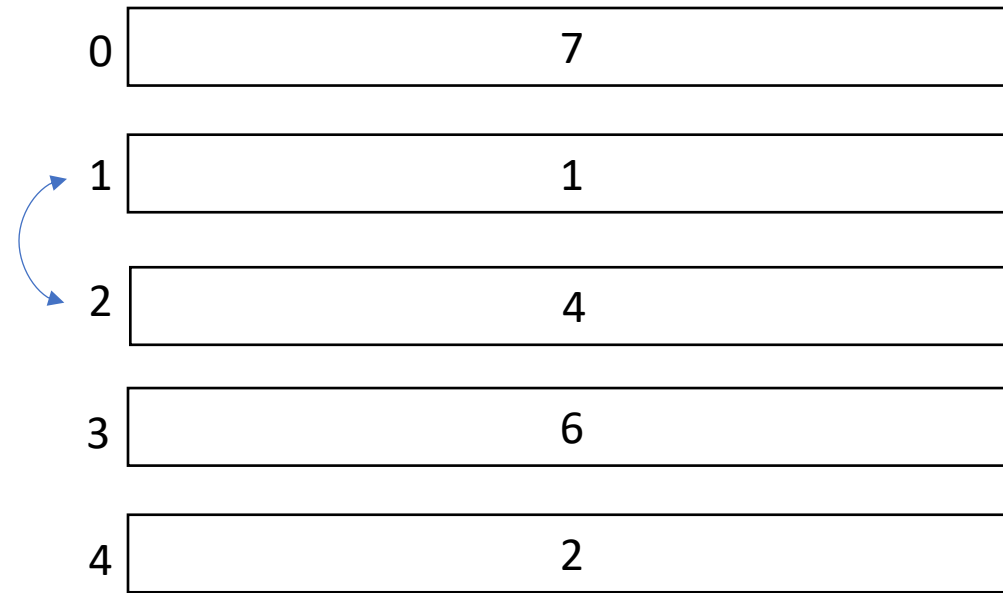
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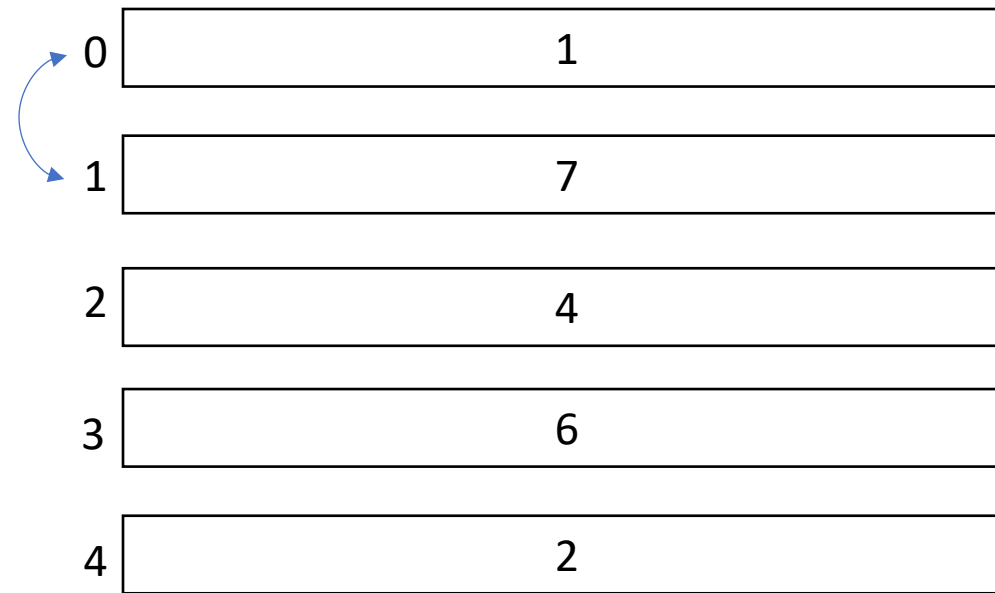
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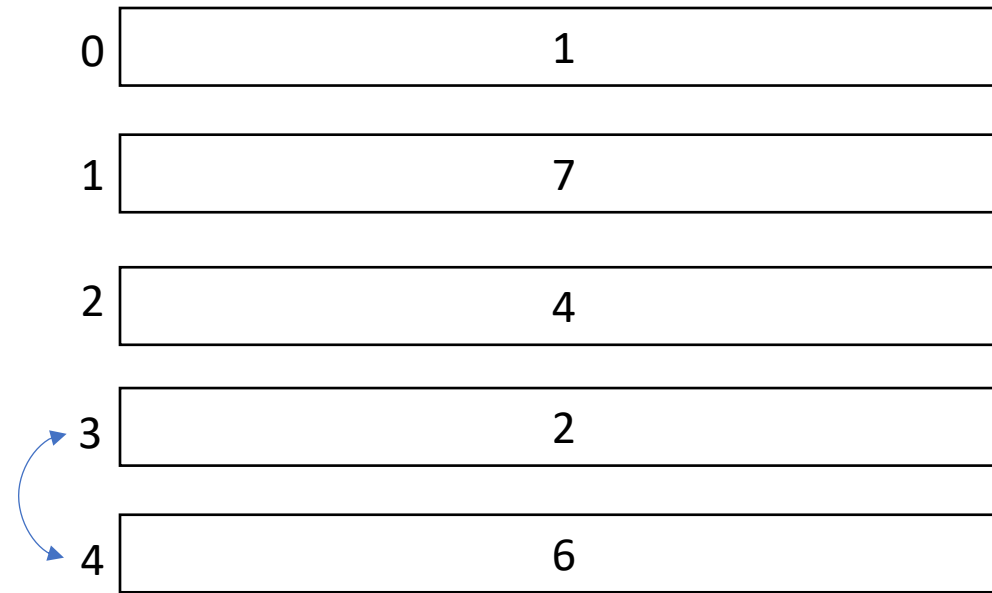
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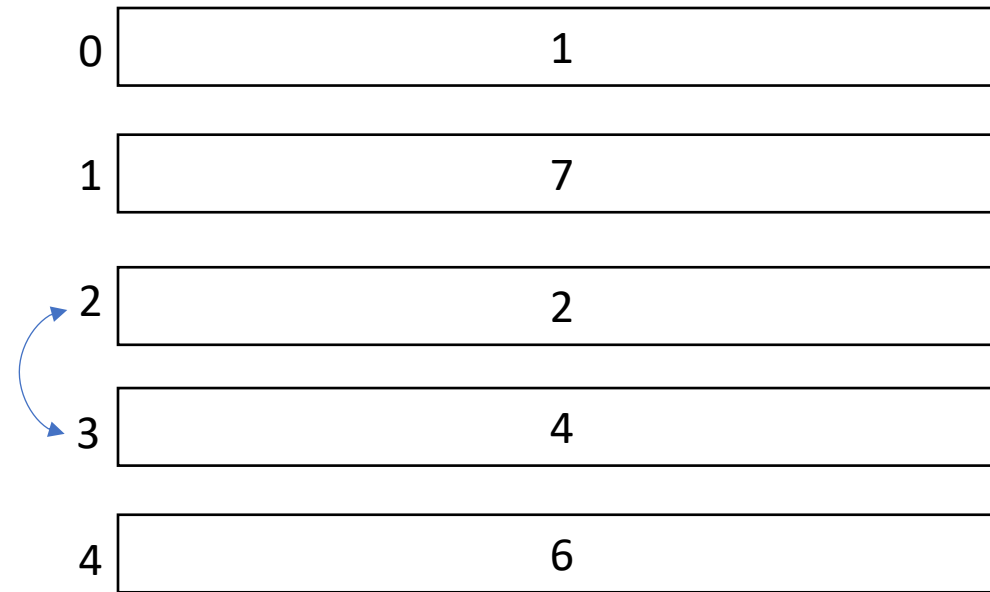
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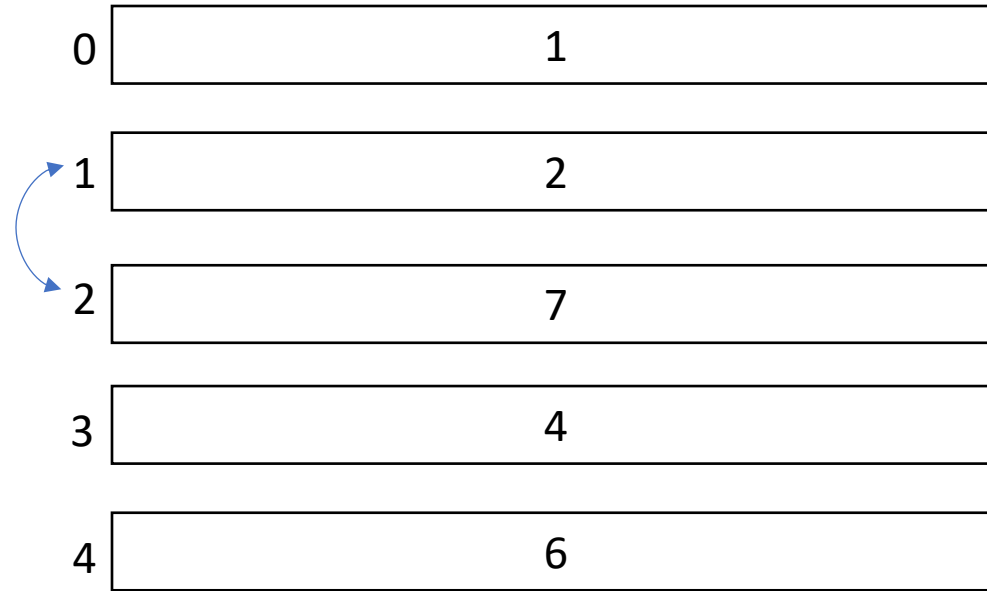
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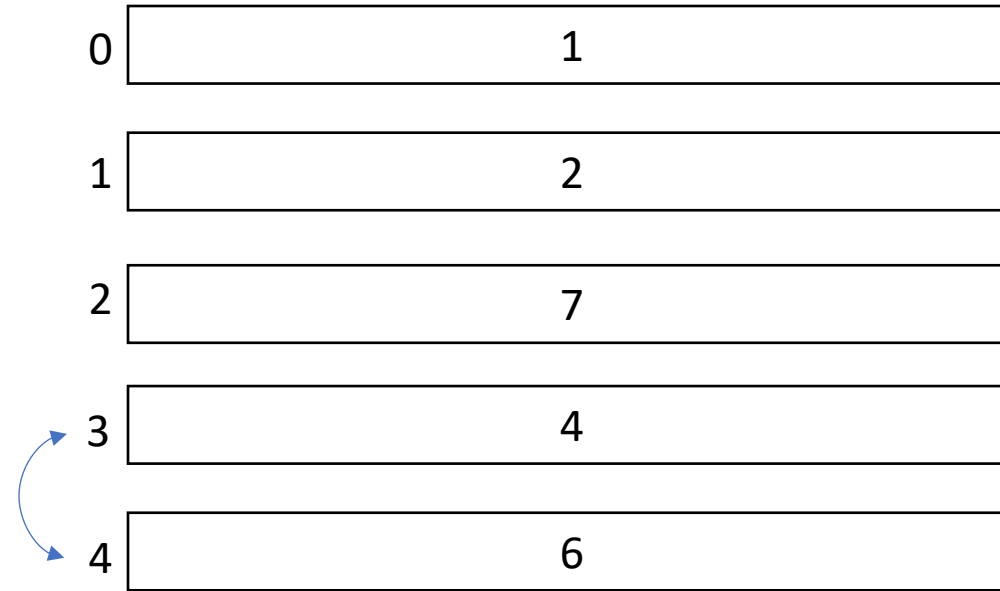
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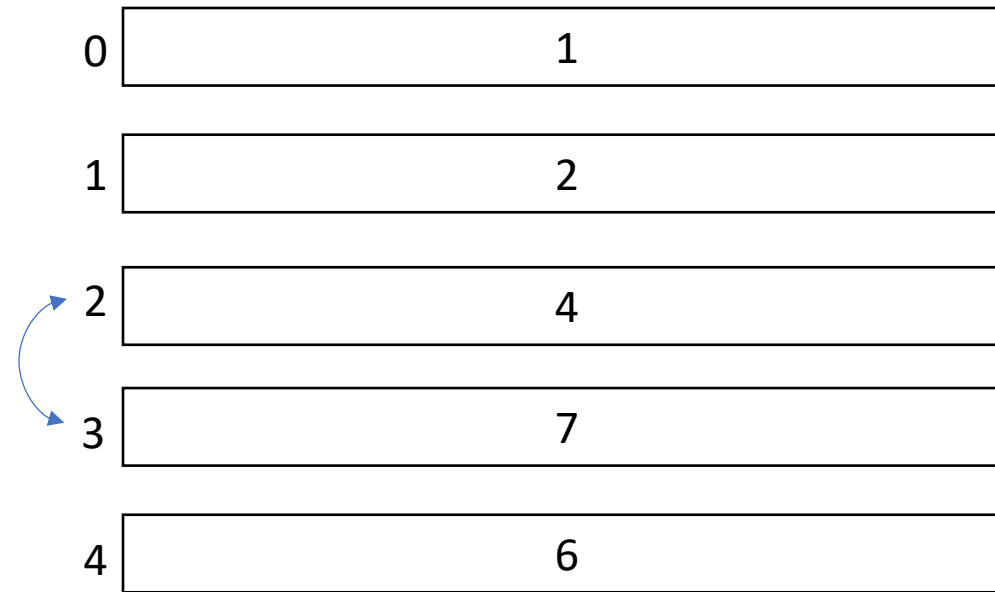
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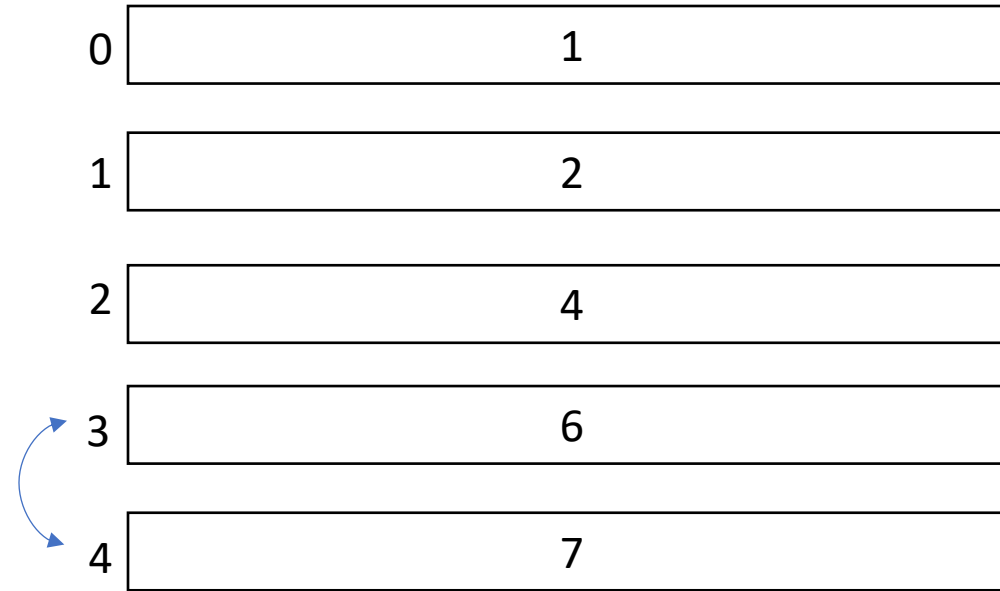
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VUELTA 3



BURBUJA

VUELTA 4



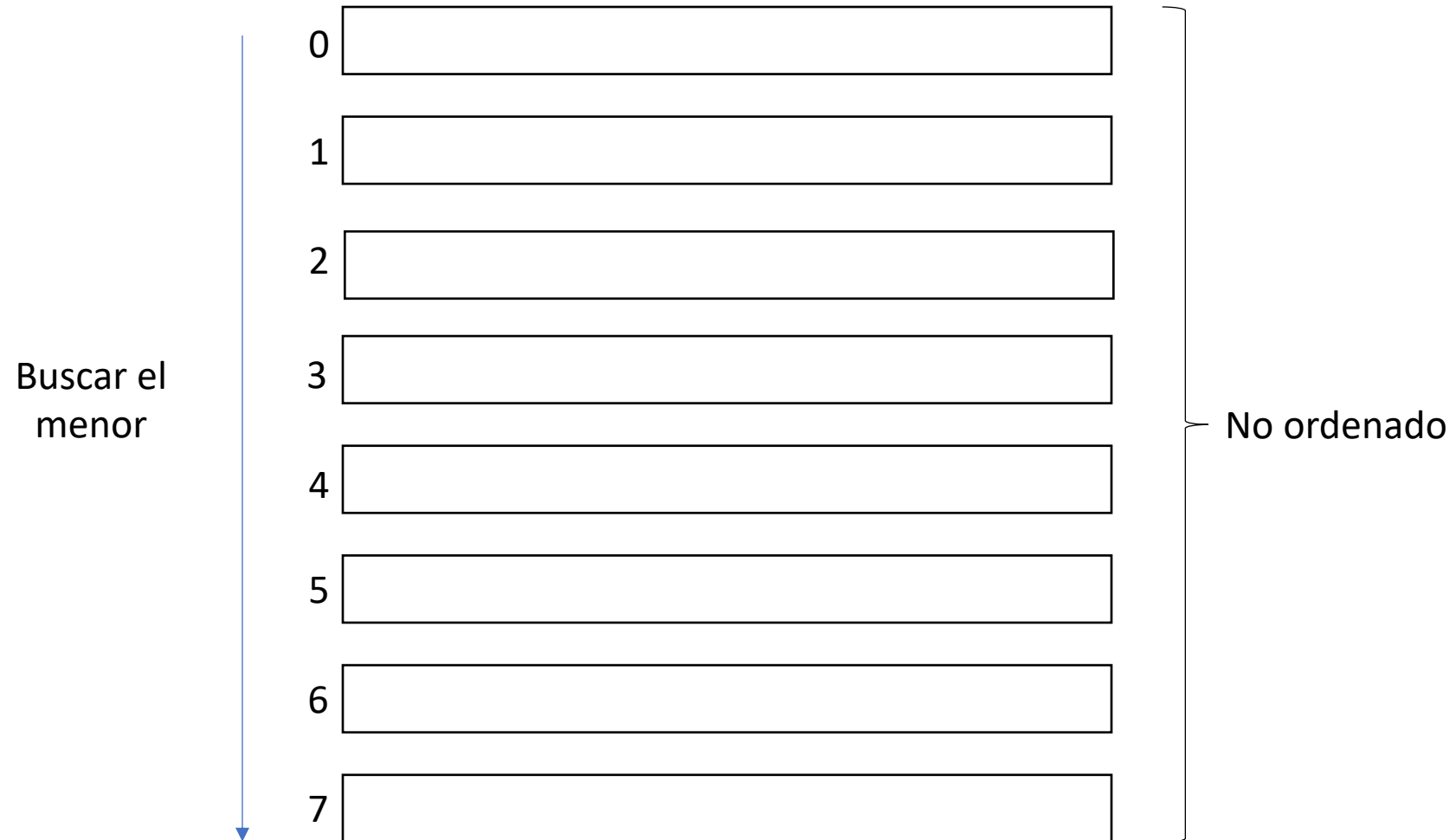
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VUELTA 4

0	1
1	2
2	4
3	6
4	7

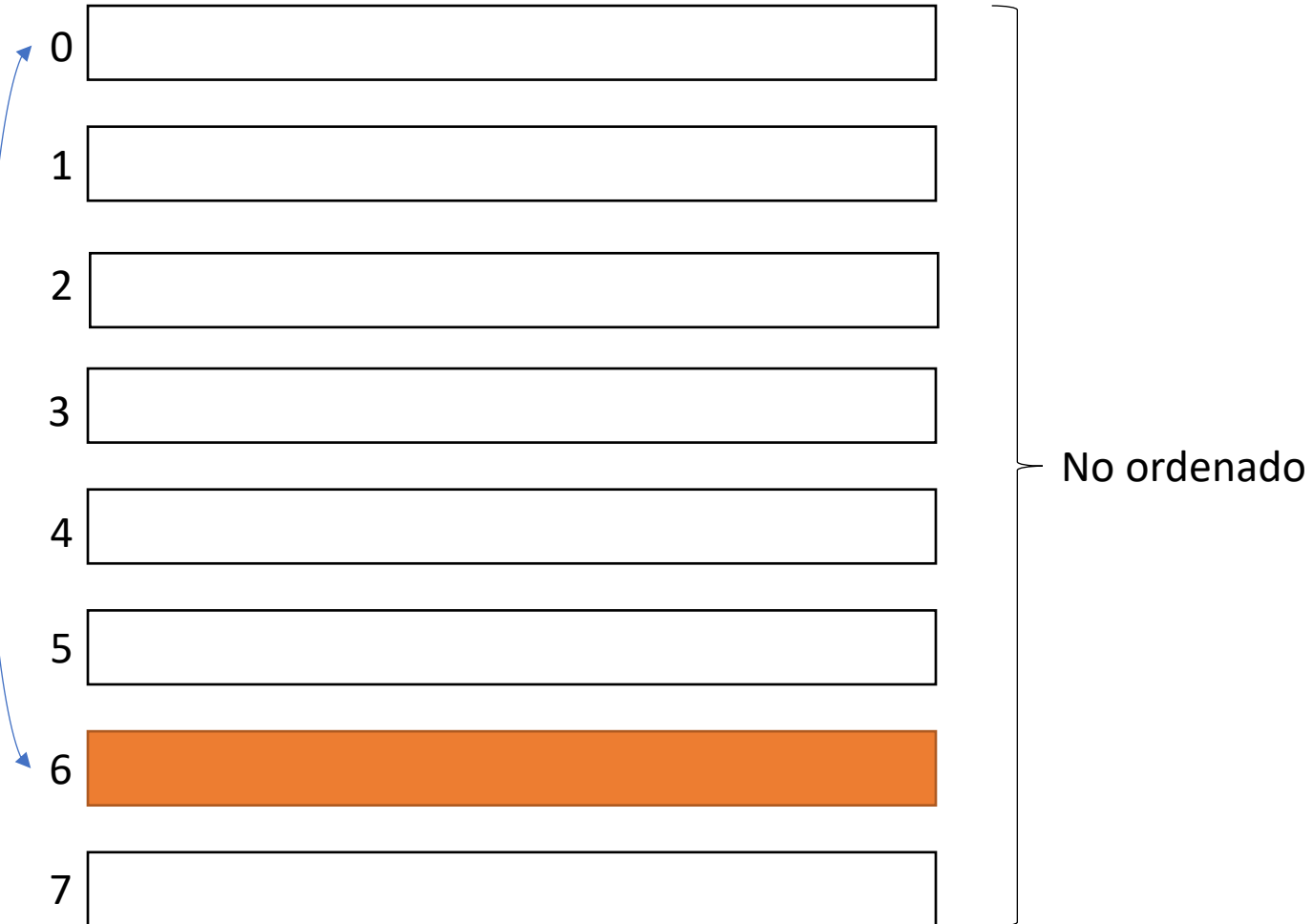


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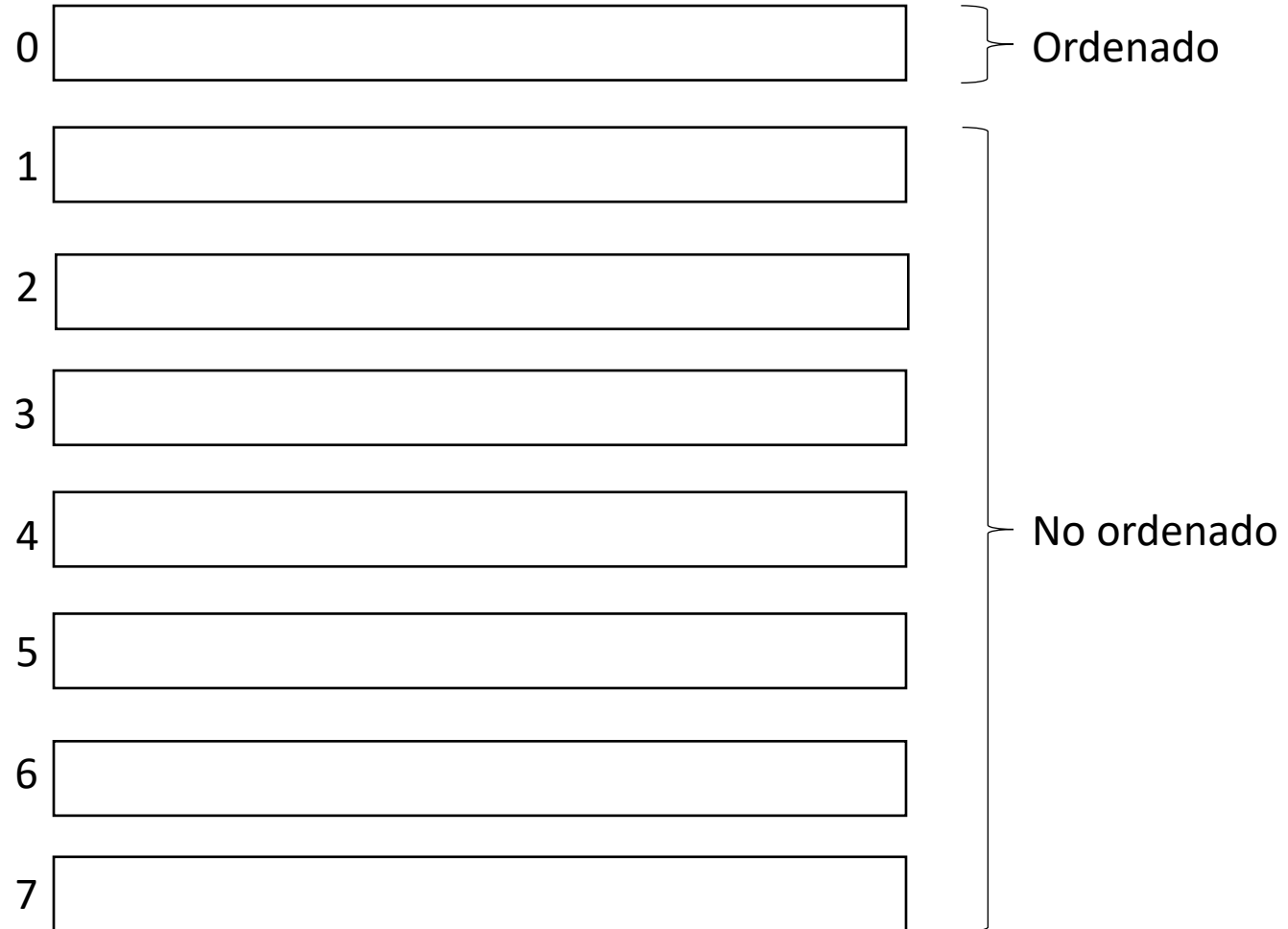


SELECCIÓN

Colocar en
la posición 0 el menor
intercambiando el elemento
de la posición 6 con el de la 0



SELECCIÓN

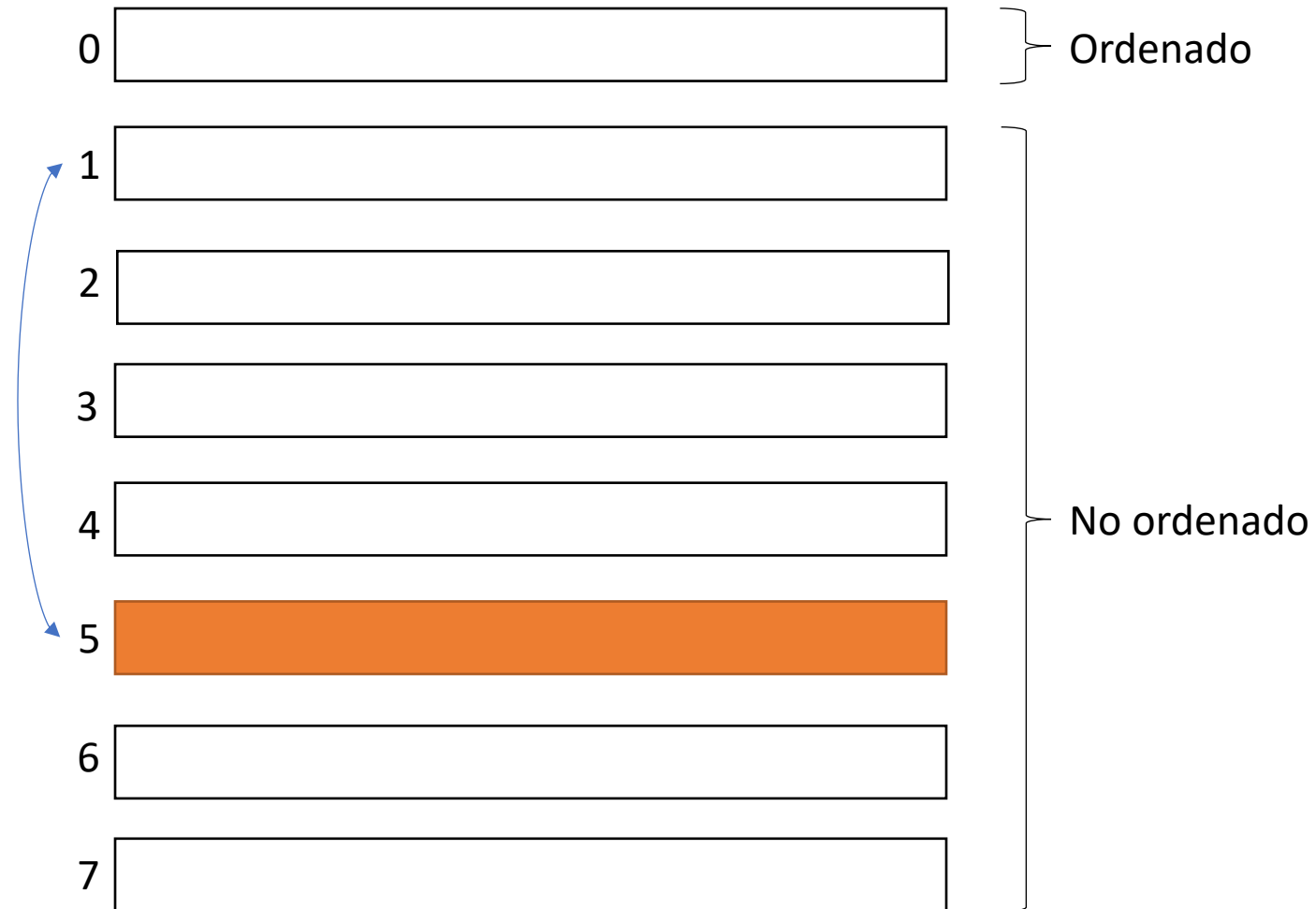


SELECCIÓN

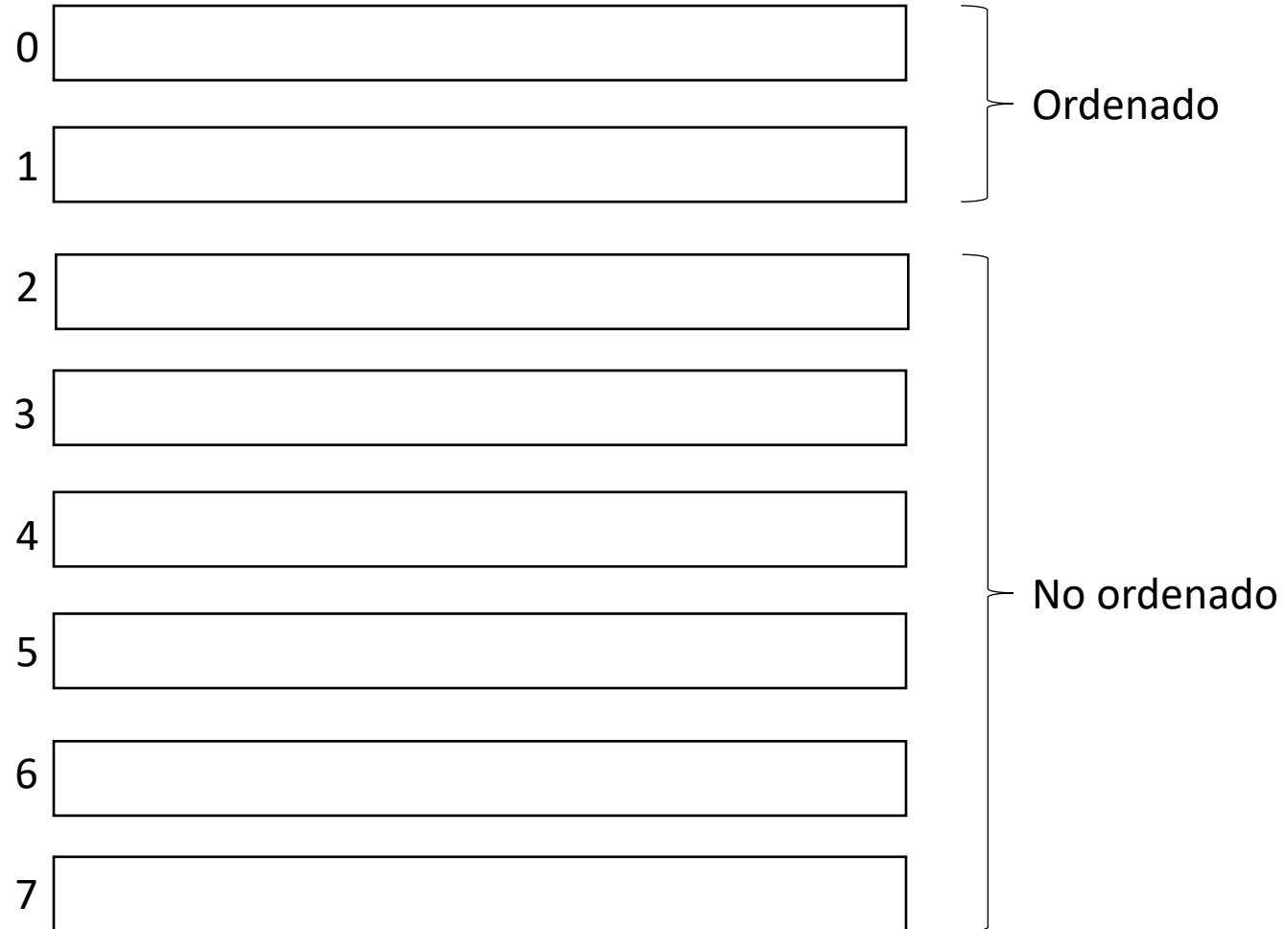


SELECCIÓN

Colocar en la posición 1 el menor intercambiando el elemento de la posición 5 con el de la 1



SELECCIÓN



SELECCIÓN



SELECCIÓN

0	
1	
2	
3	
4	
5	
6	
7	

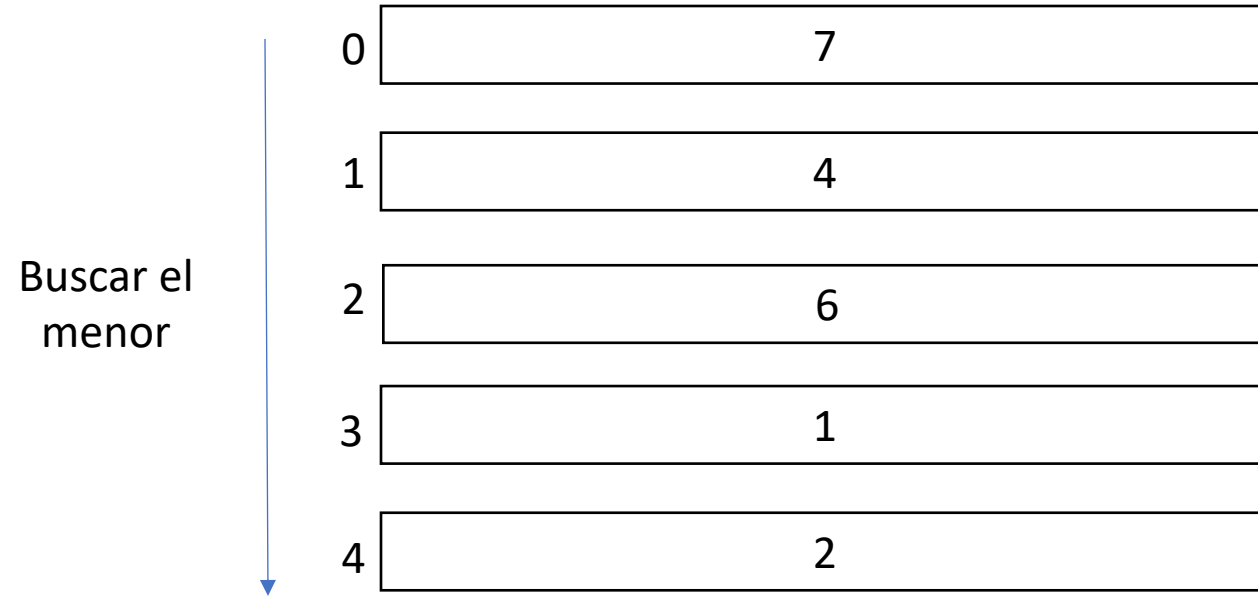
Ordenado

SELECCIÓN

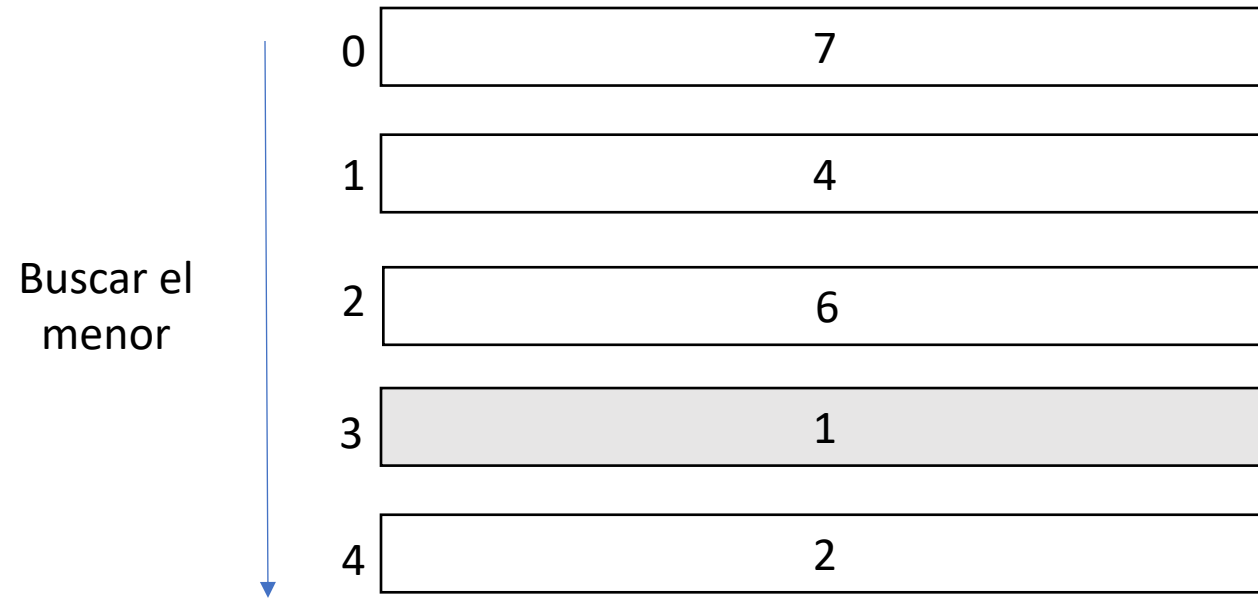
0	7
1	4
2	6
3	1
4	2




SELECCIÓN



SELECCIÓN



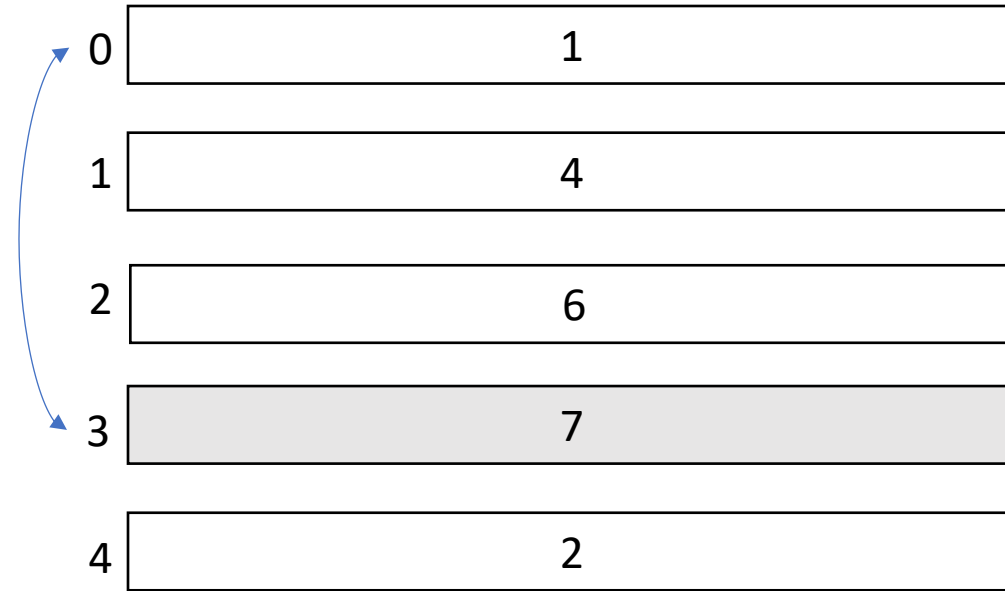
SELECCIÓN



0	7
1	4
2	6
3	1
4	2



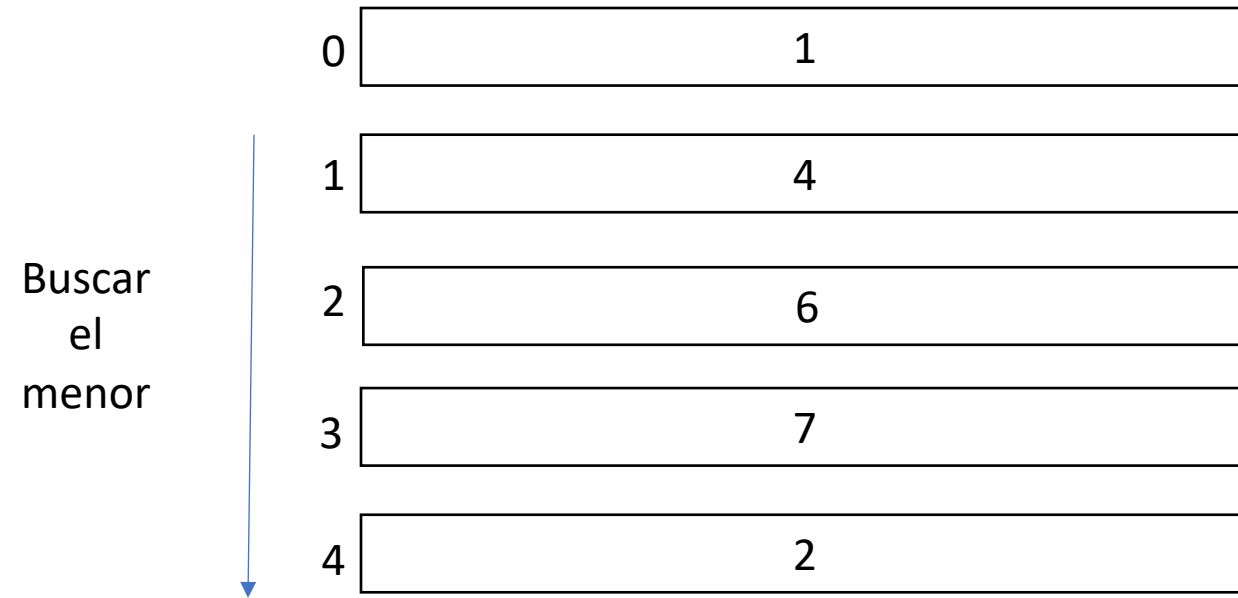
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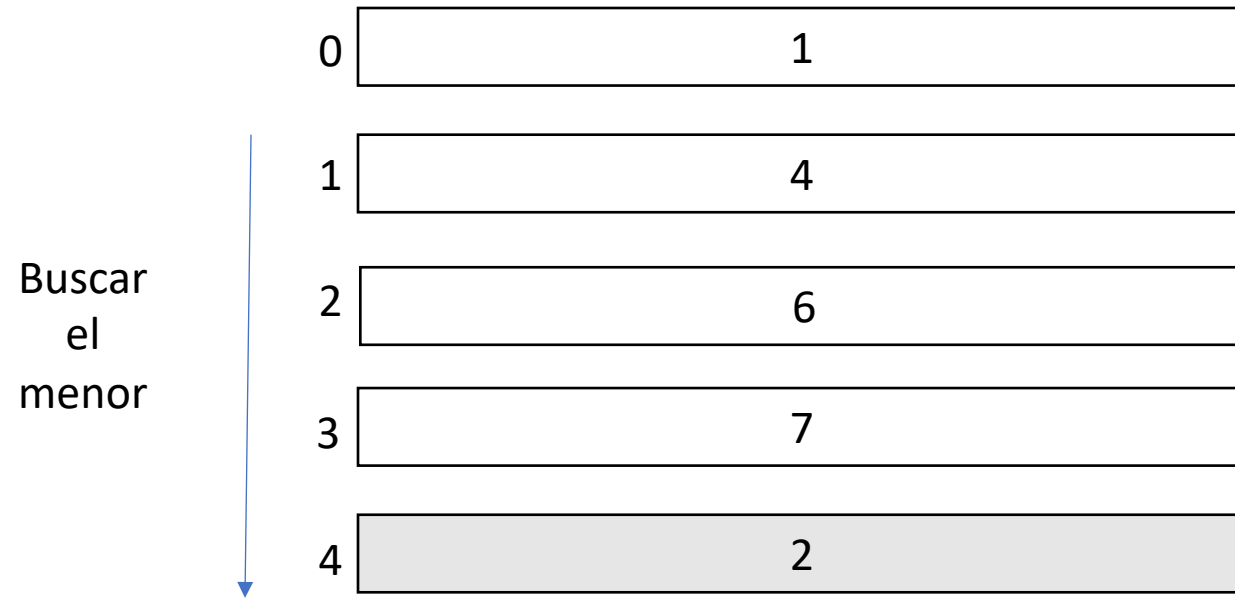
0	1
1	4
2	6
3	7
4	2



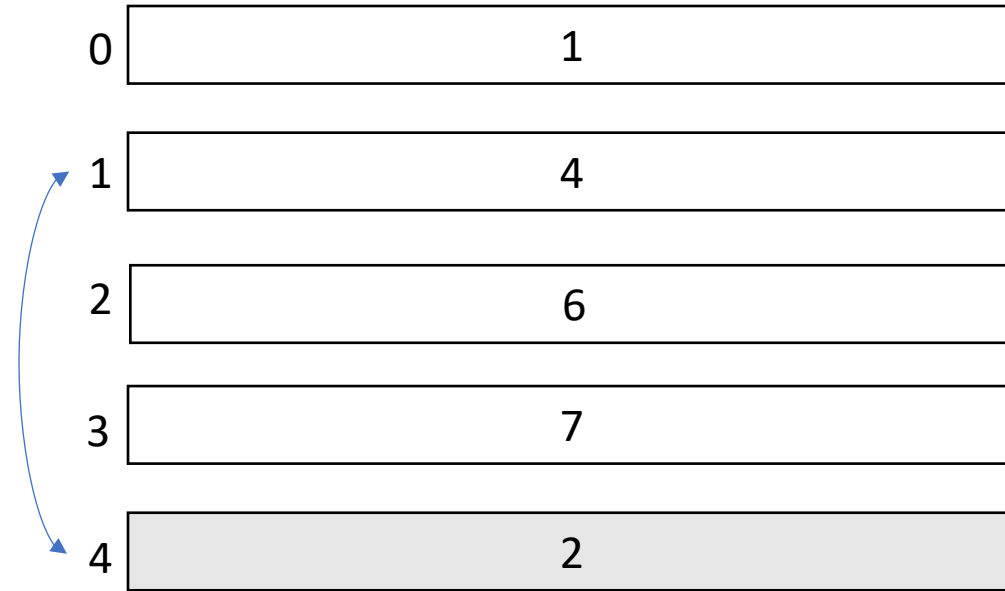
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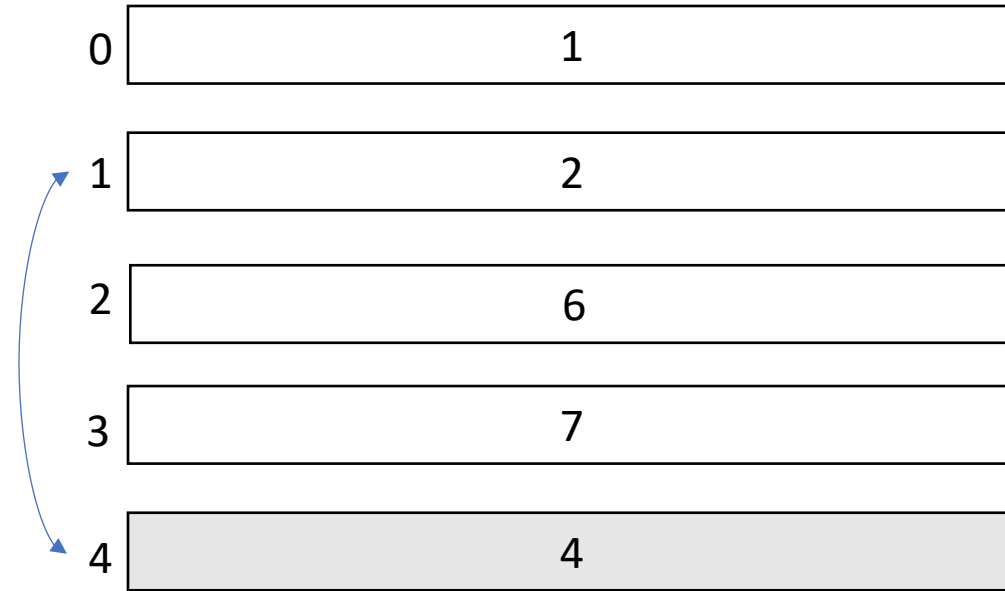
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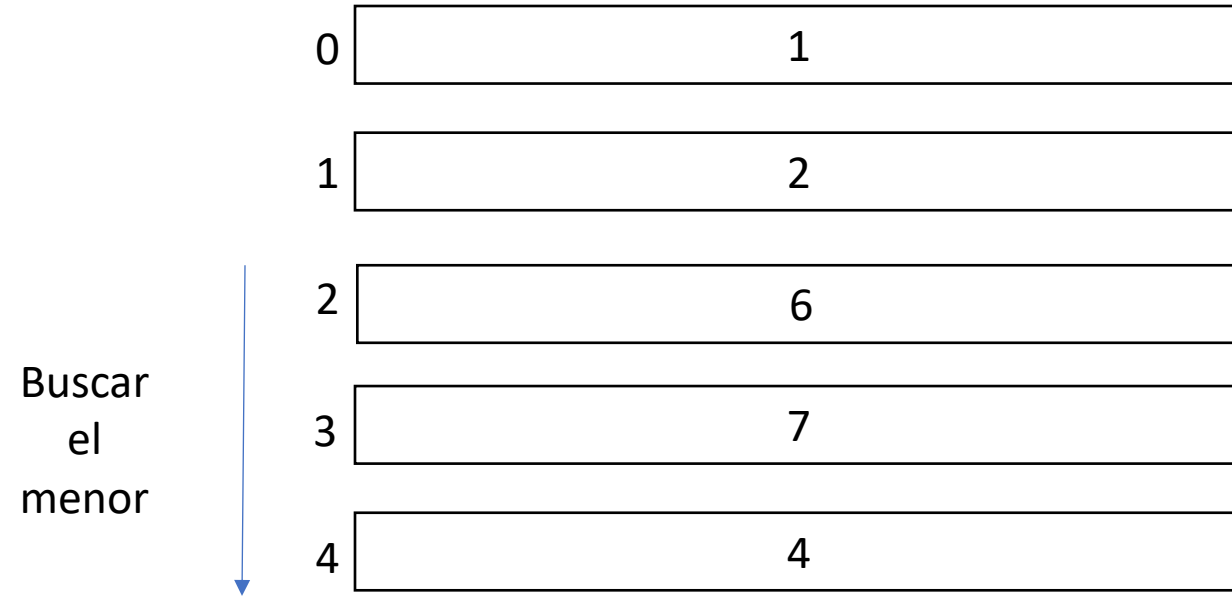
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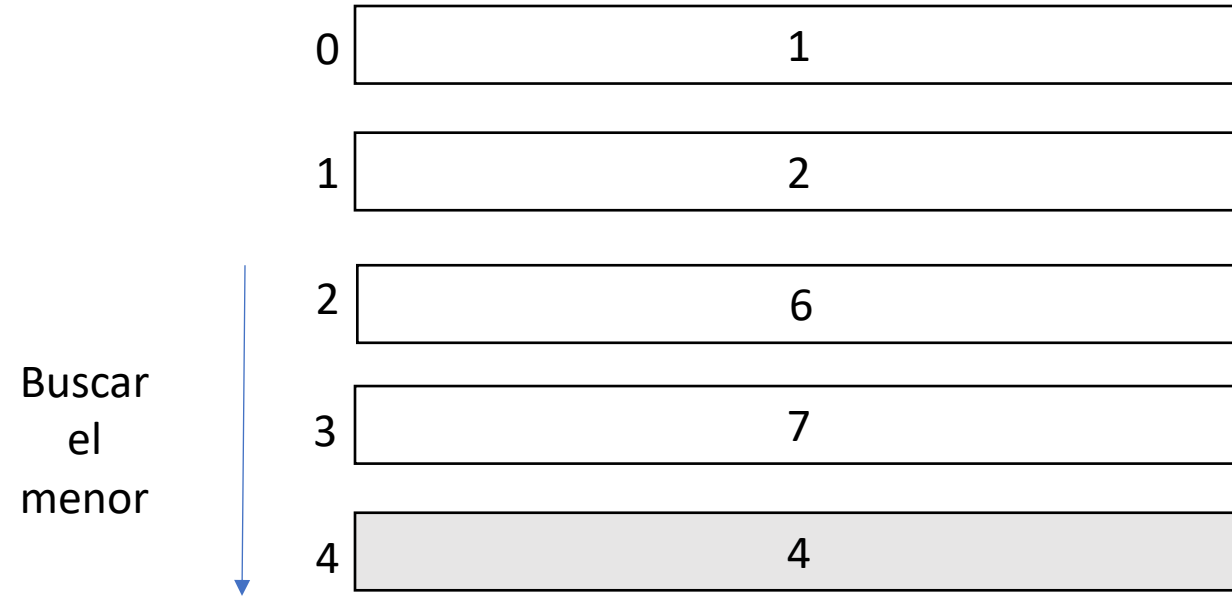
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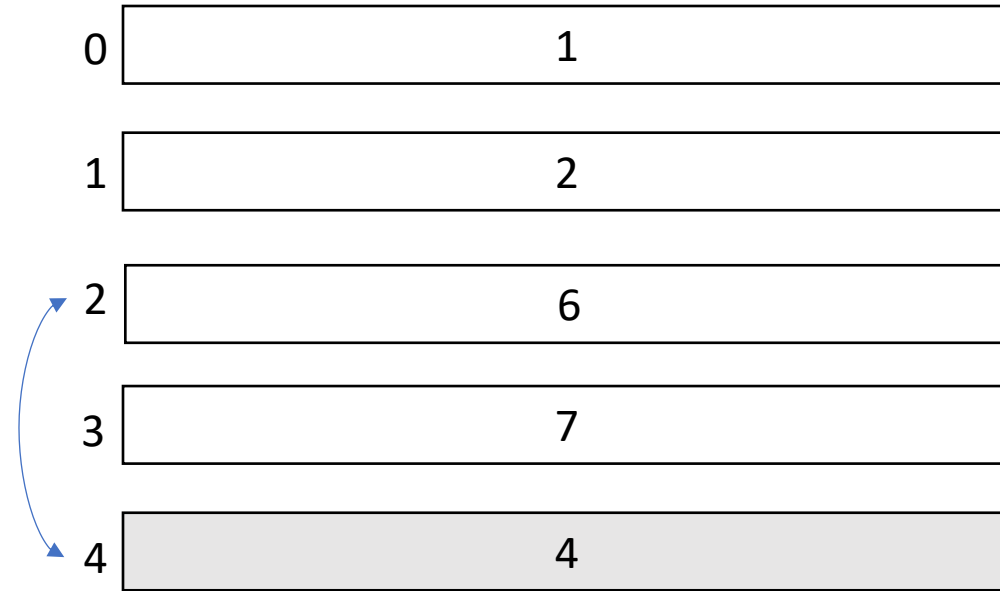
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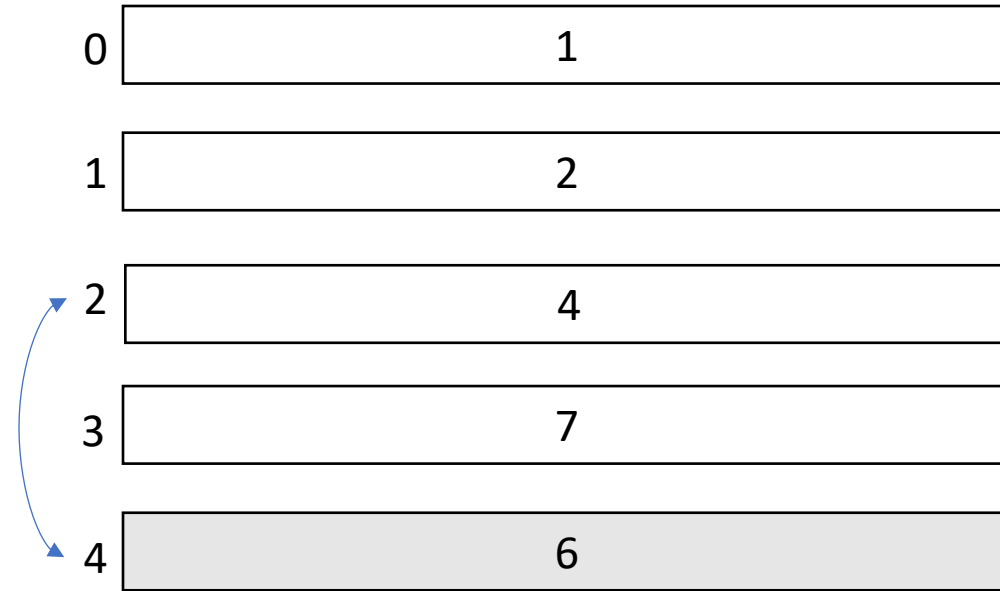
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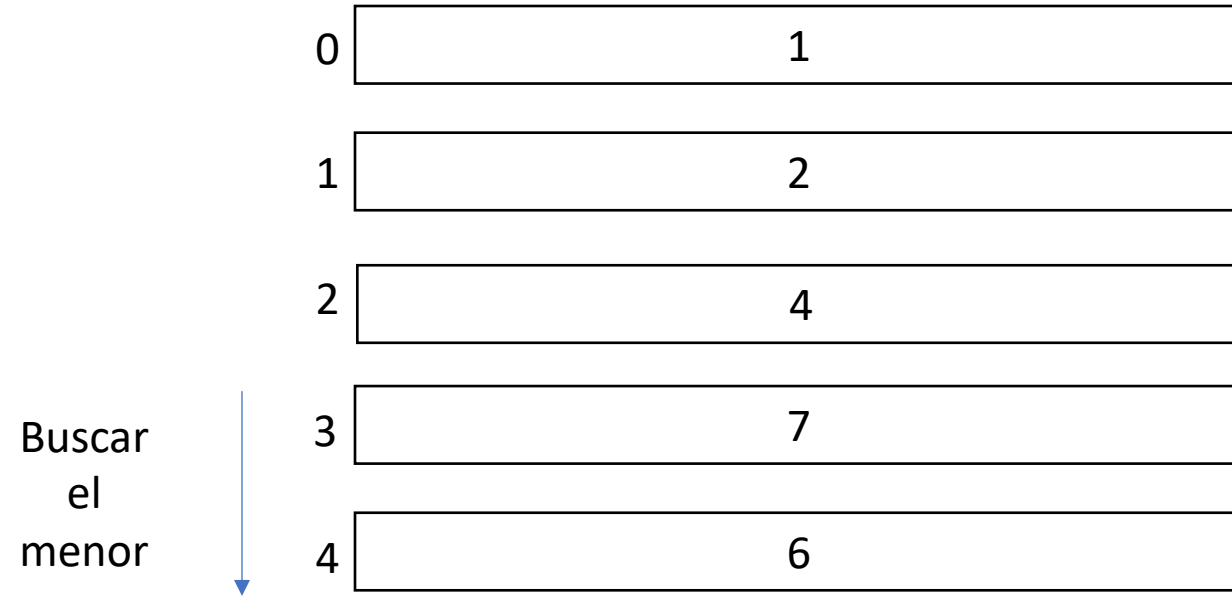
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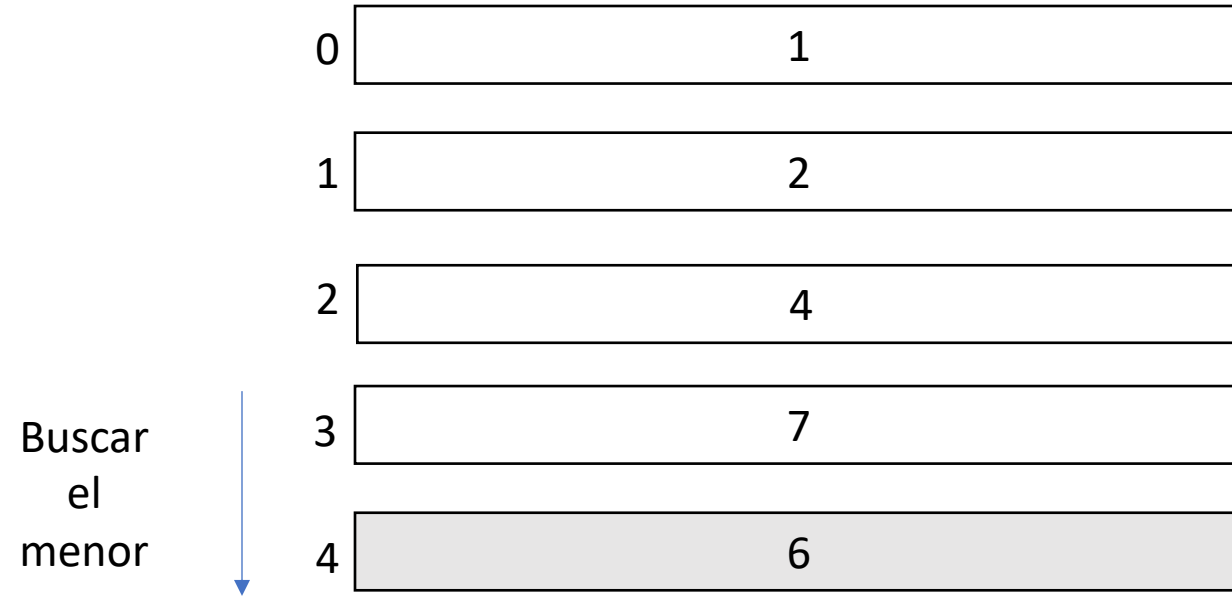
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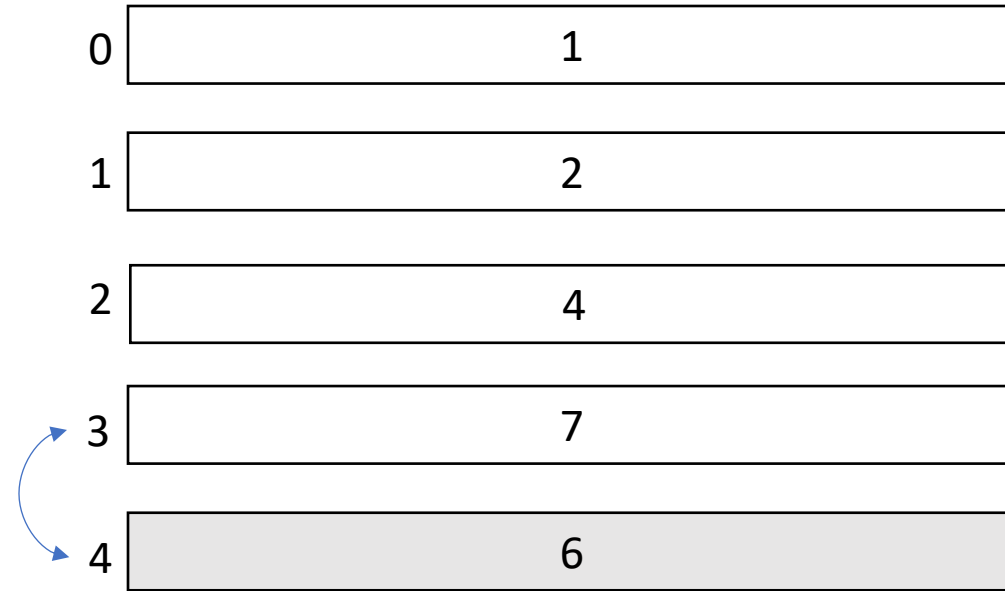
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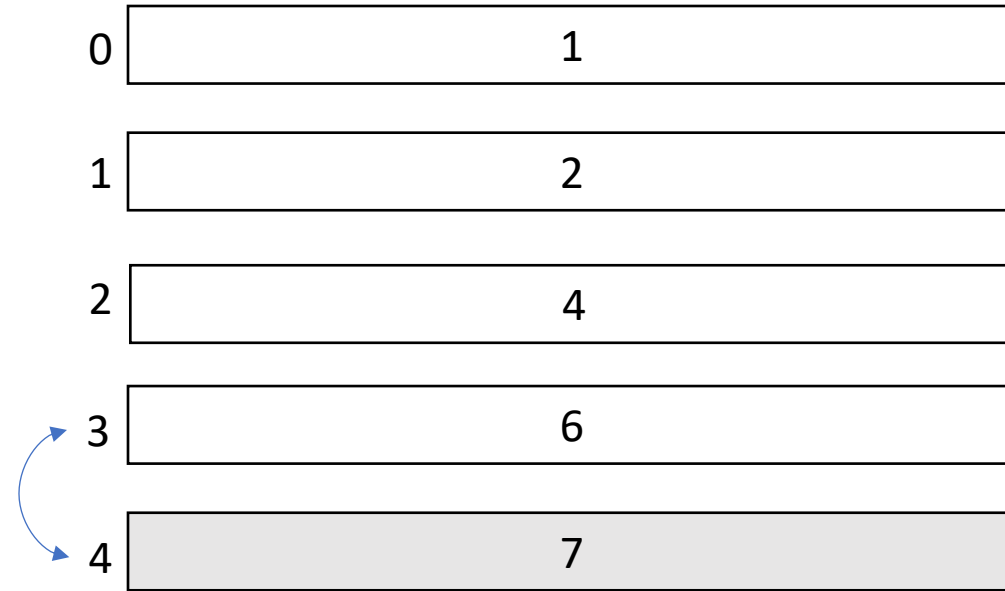
SELECCIÓN



SELECCIÓN



SELECCIÓN



SELECCIÓN

0	1
1	2
2	4
3	6
4	7

