

SORTS: Merge sort

Algoritmos y programación II (75.41 & 95.15)

Curso Mariano Méndez

2	124	23	5	89	-1	44	643	34
0	1	2	3	4	5	6	7	8

Buscamos ordenar el vector de menor a mayor

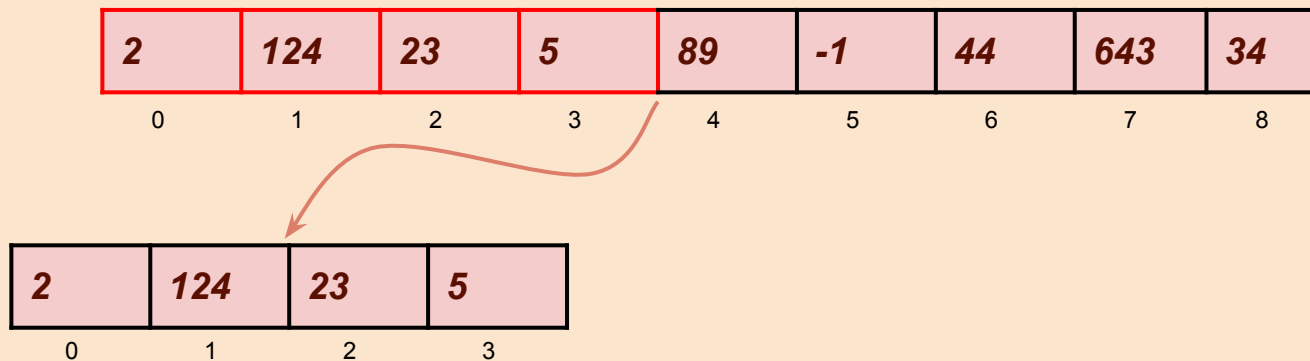
Merge Sort

2	124	23	5	89	-1	44	643	34
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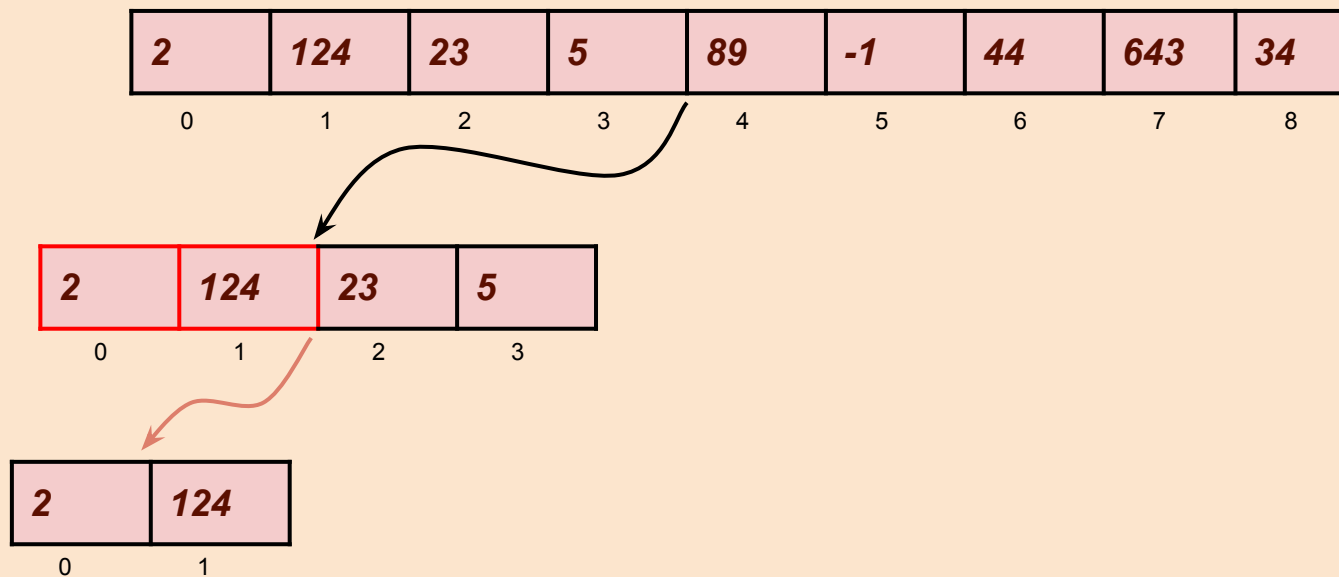
Buscamos ordenar el vector de **menor a mayor**

- Divido a la mitad
- Me llamo con la mitad izquierda
- Me llamo con la mitad derecha
- Merge

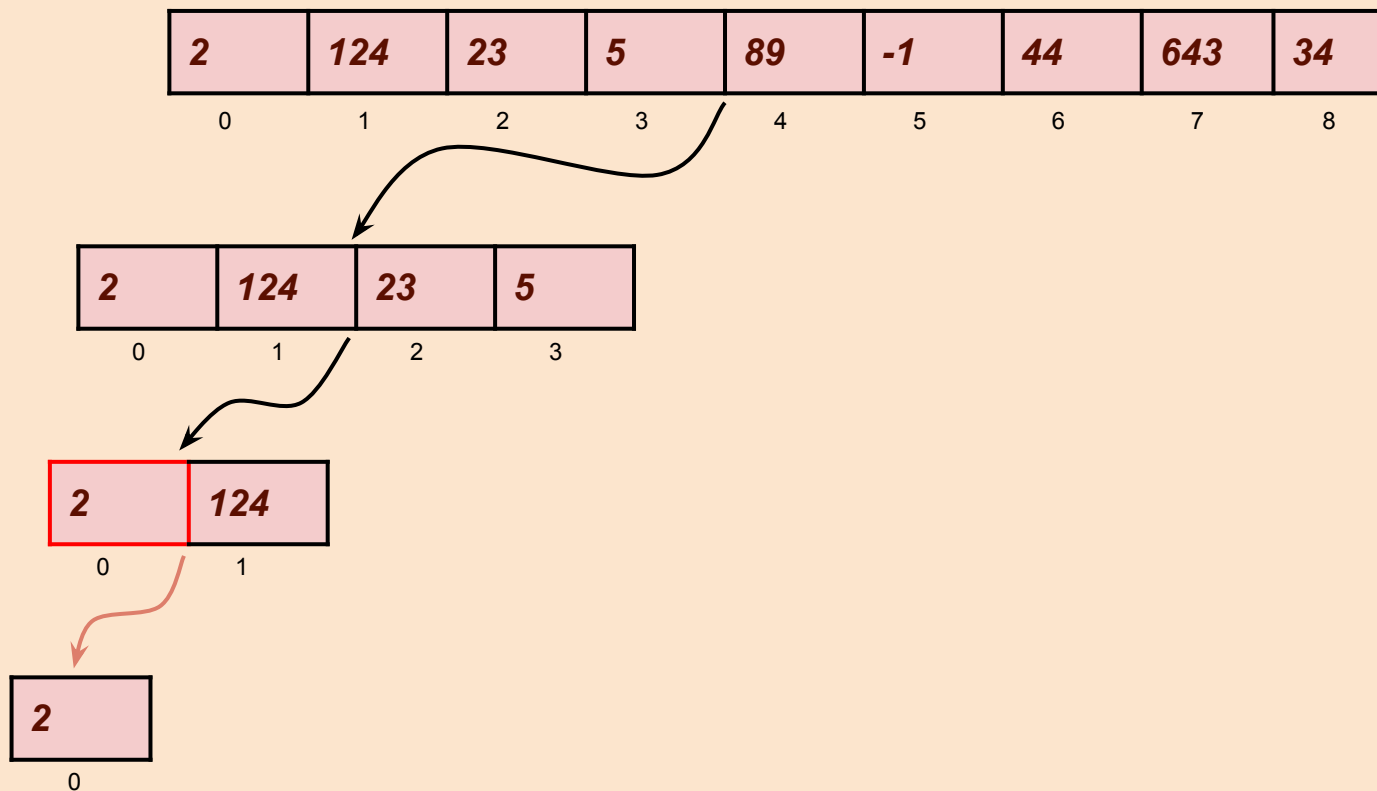
Merge Sort



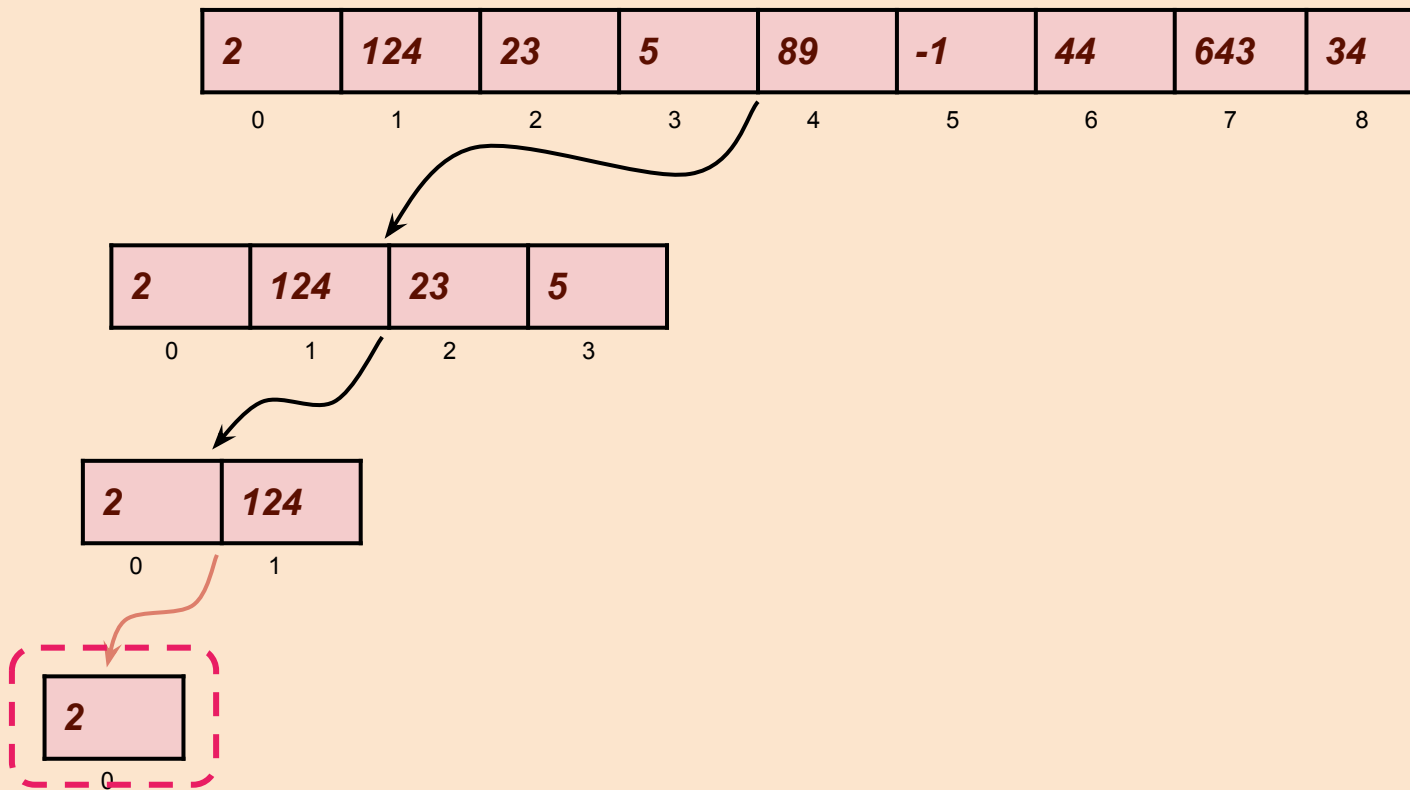
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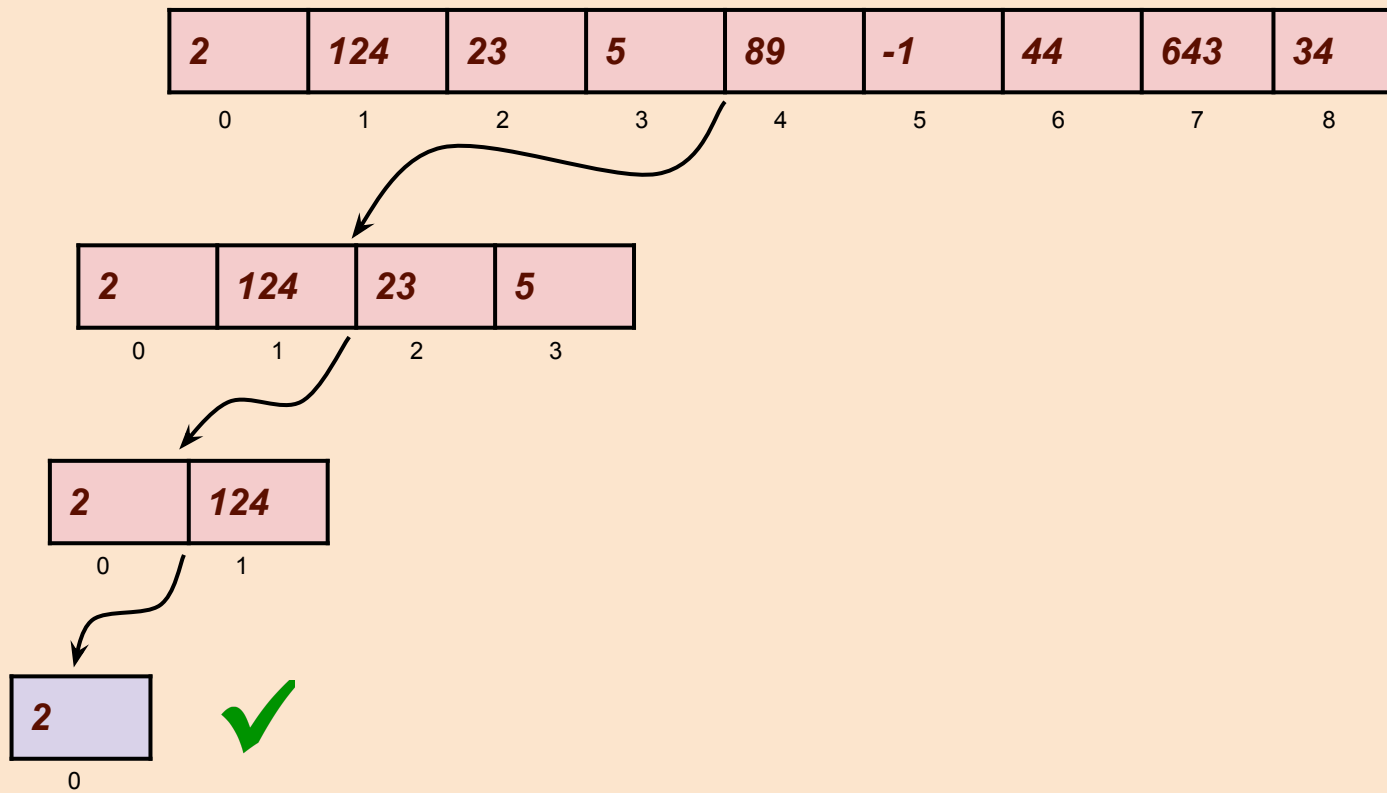
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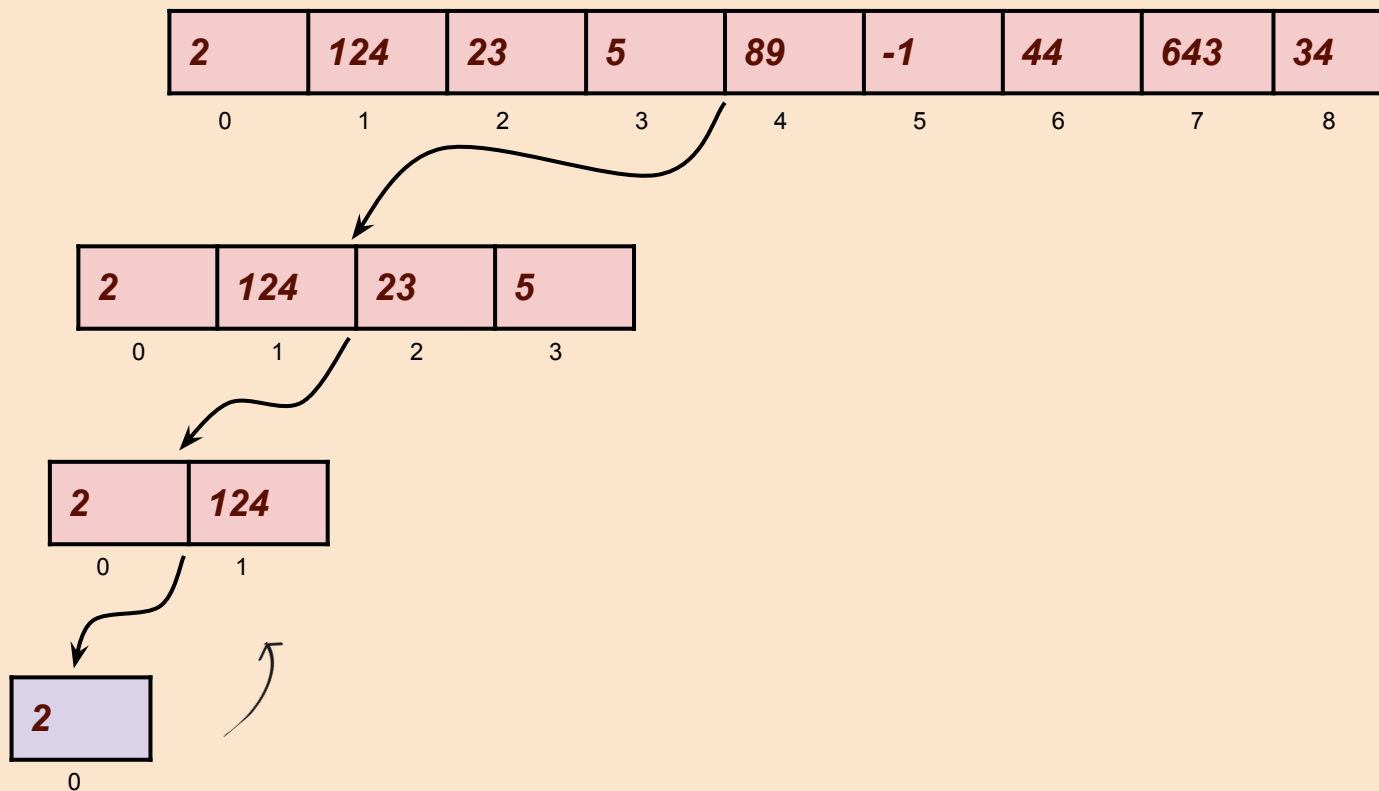
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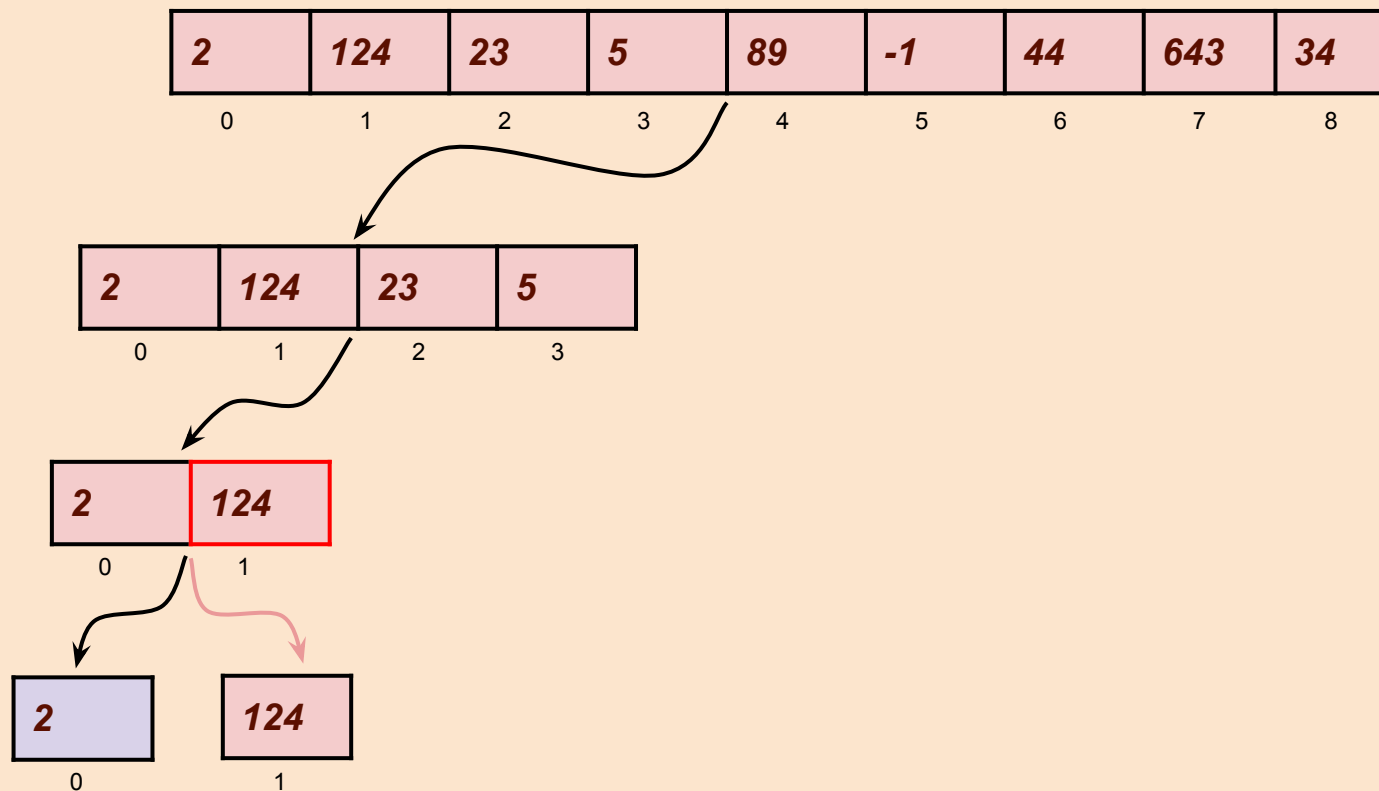
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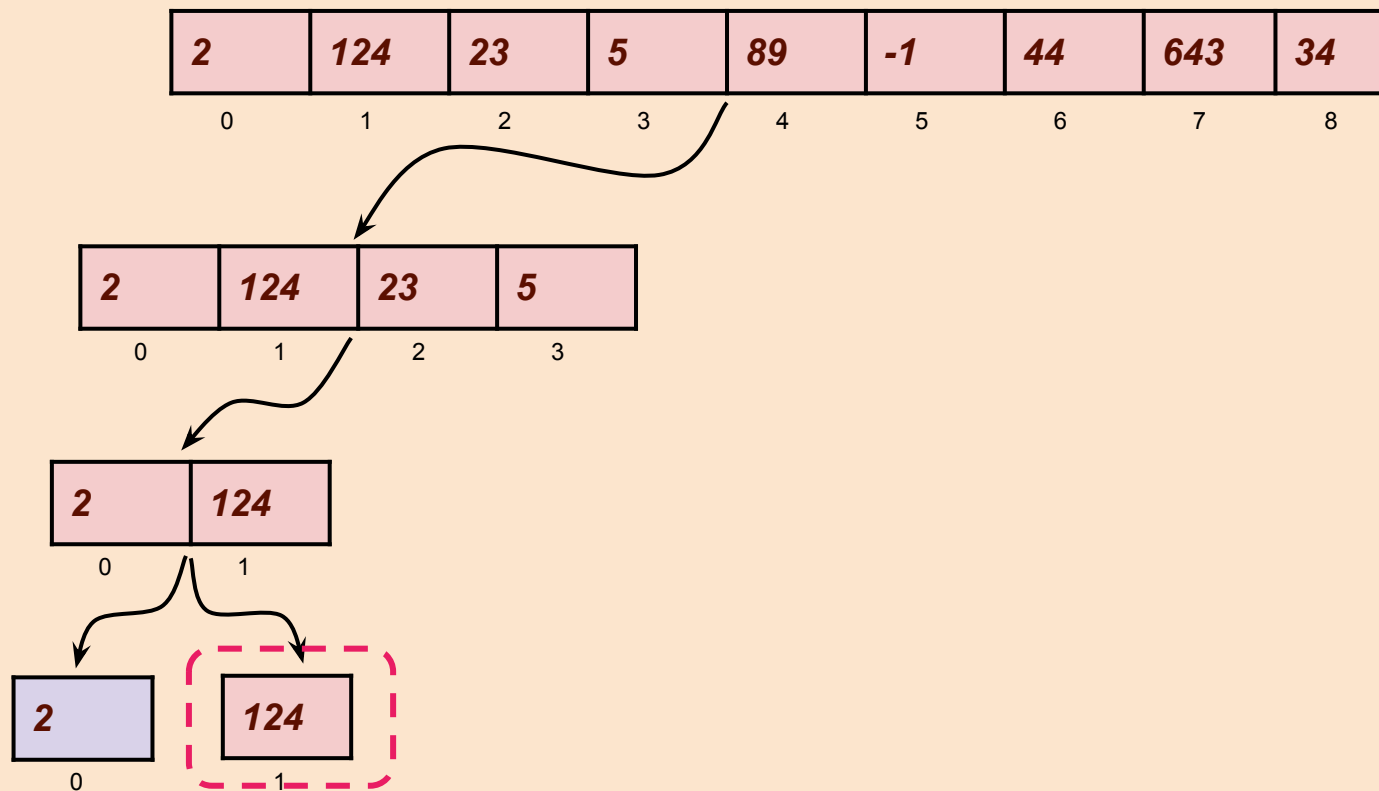
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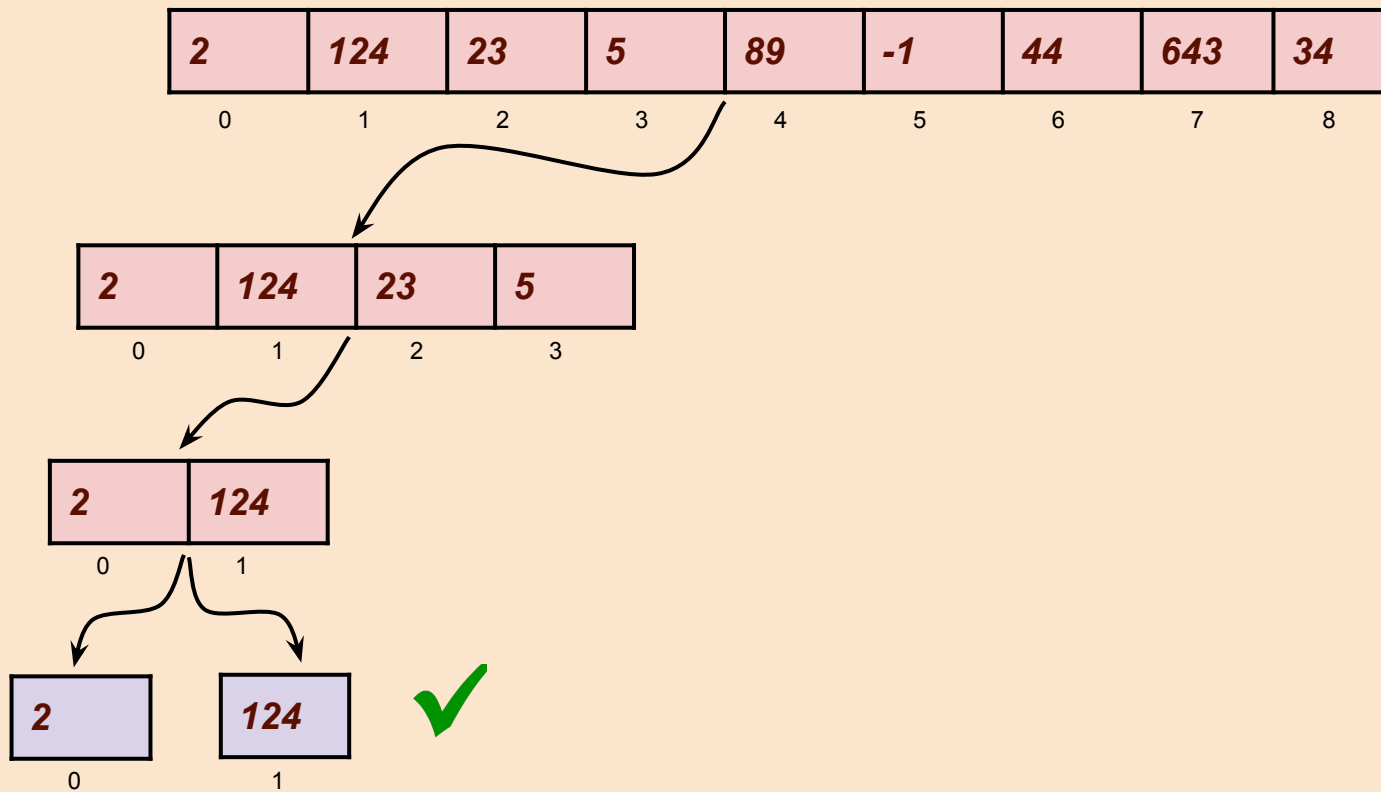
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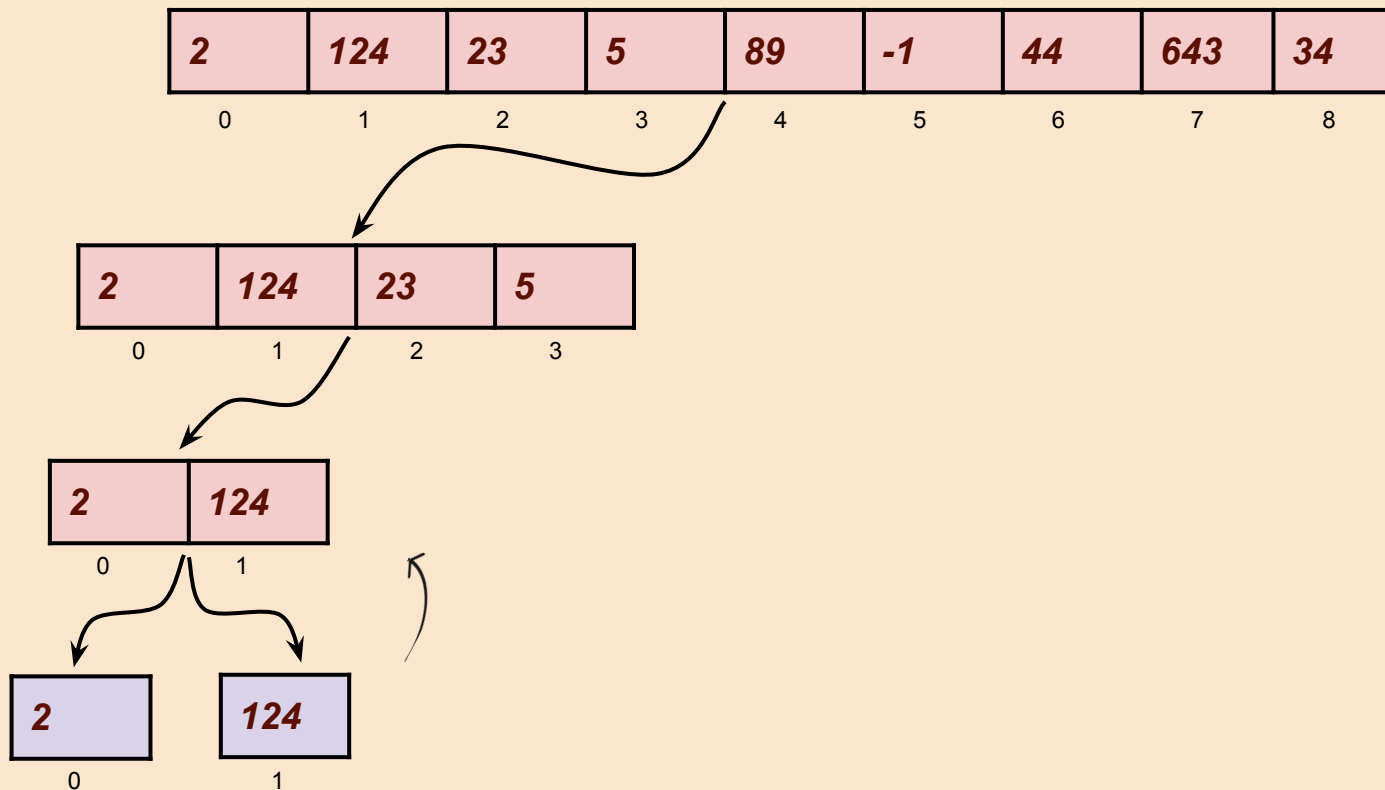
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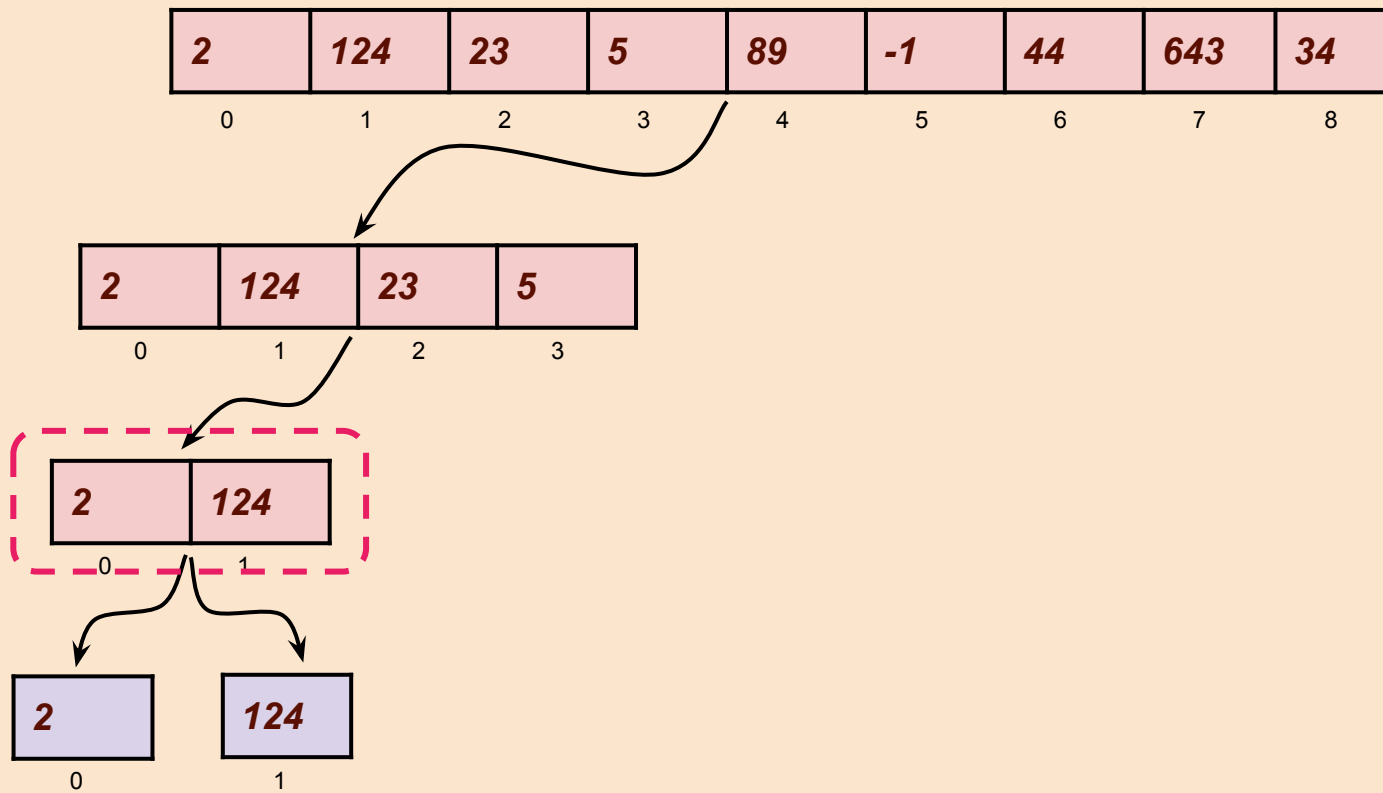
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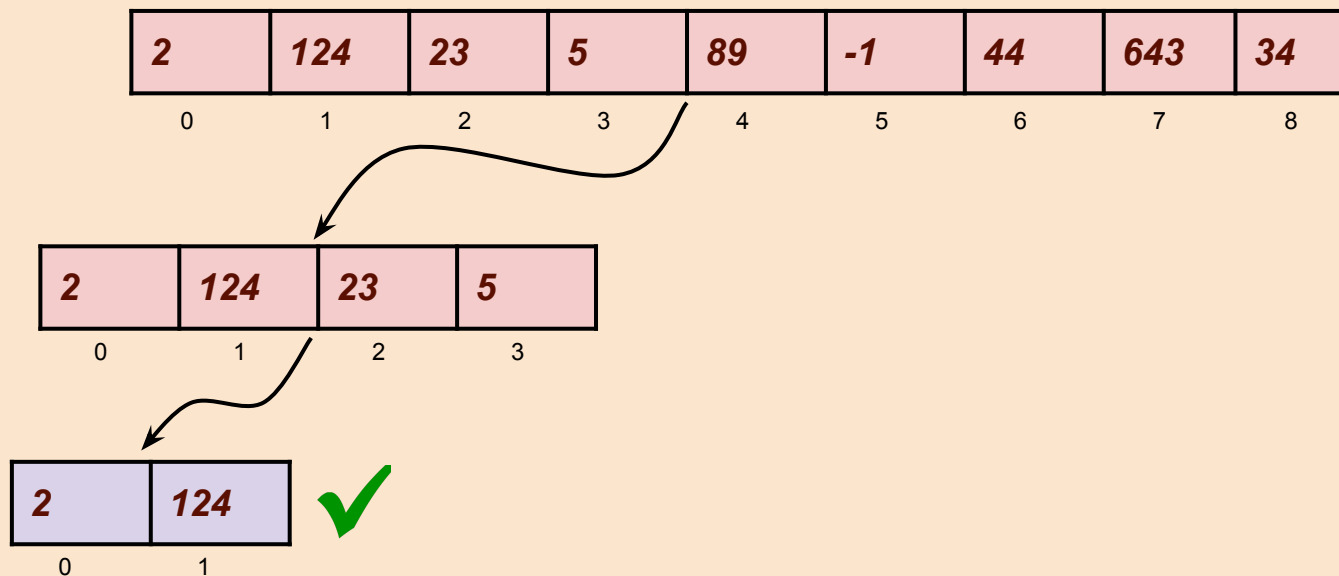
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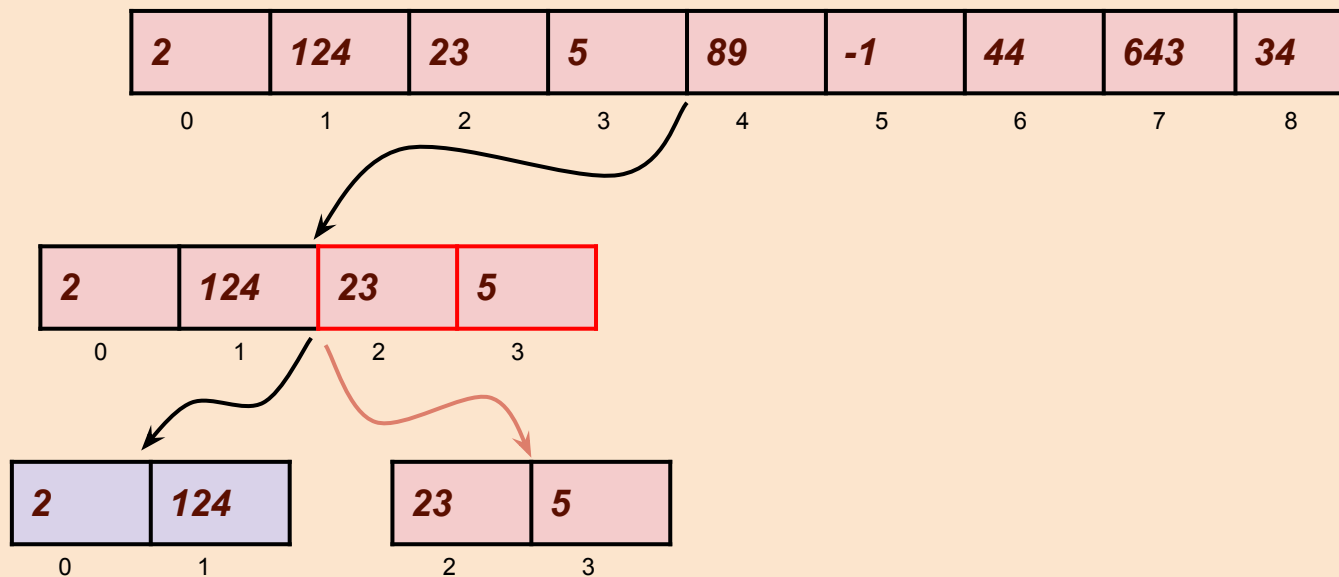
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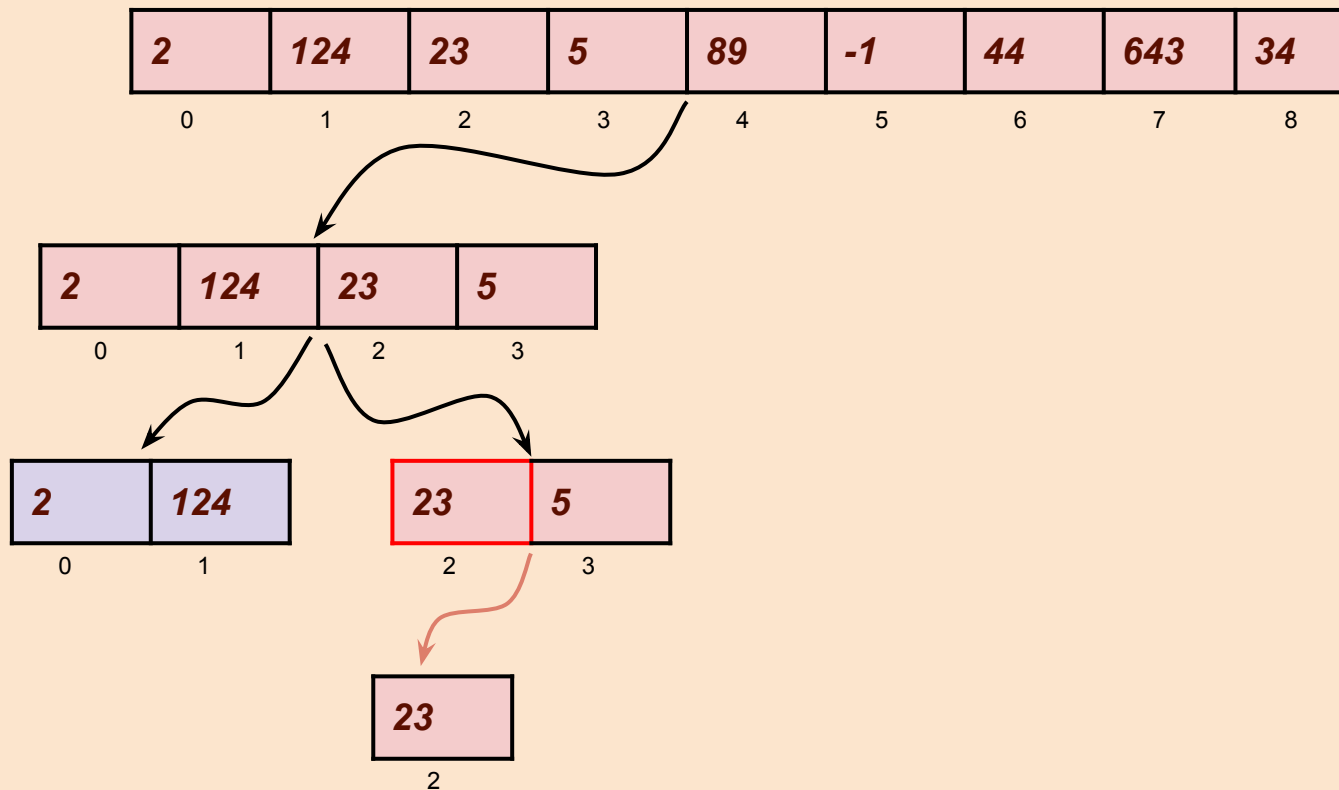
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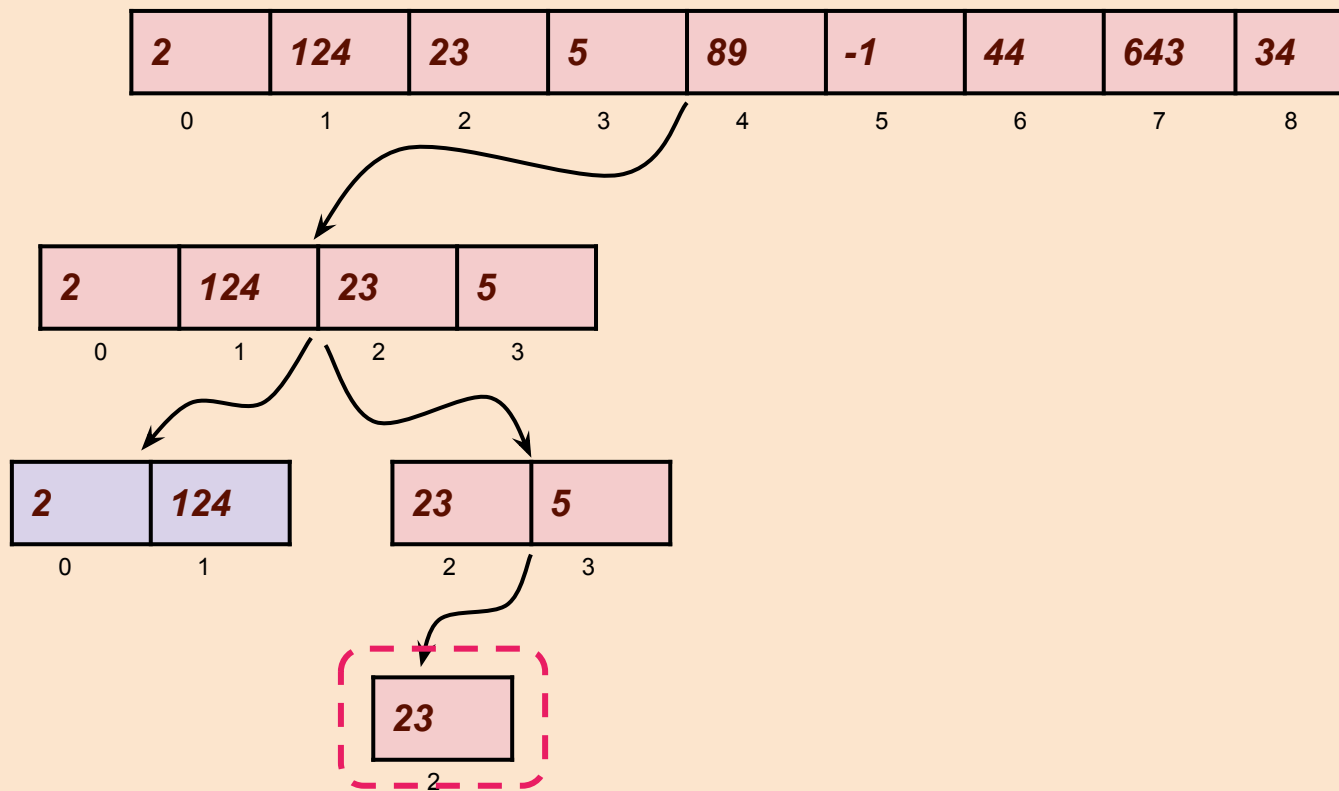
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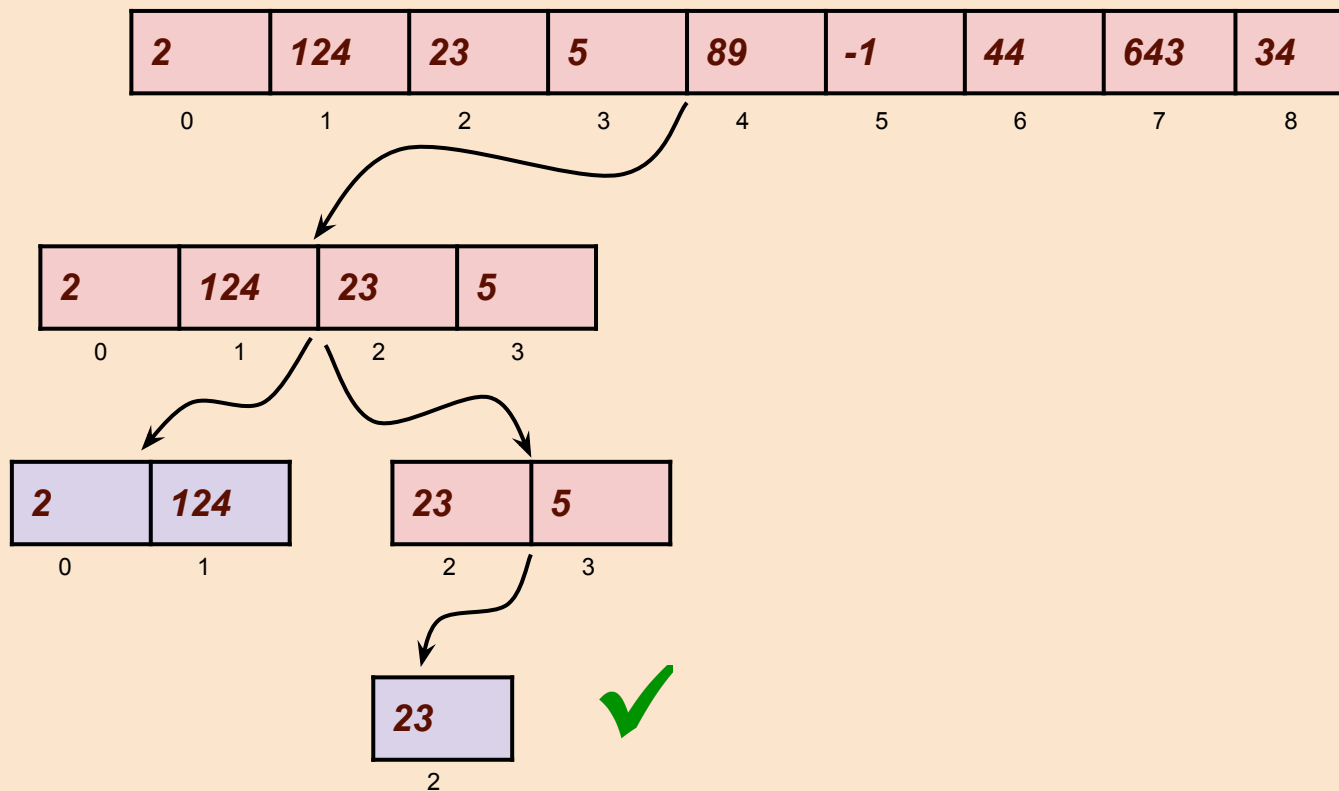
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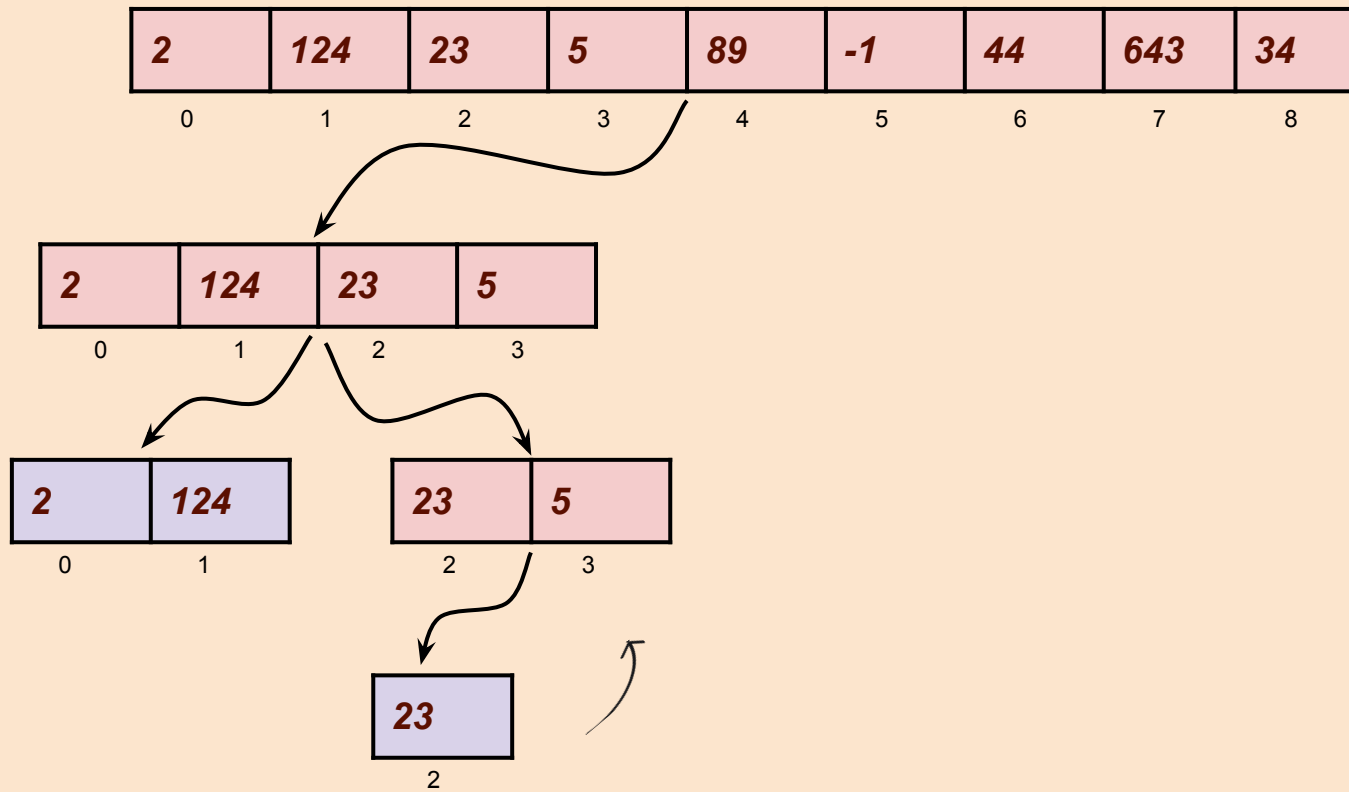
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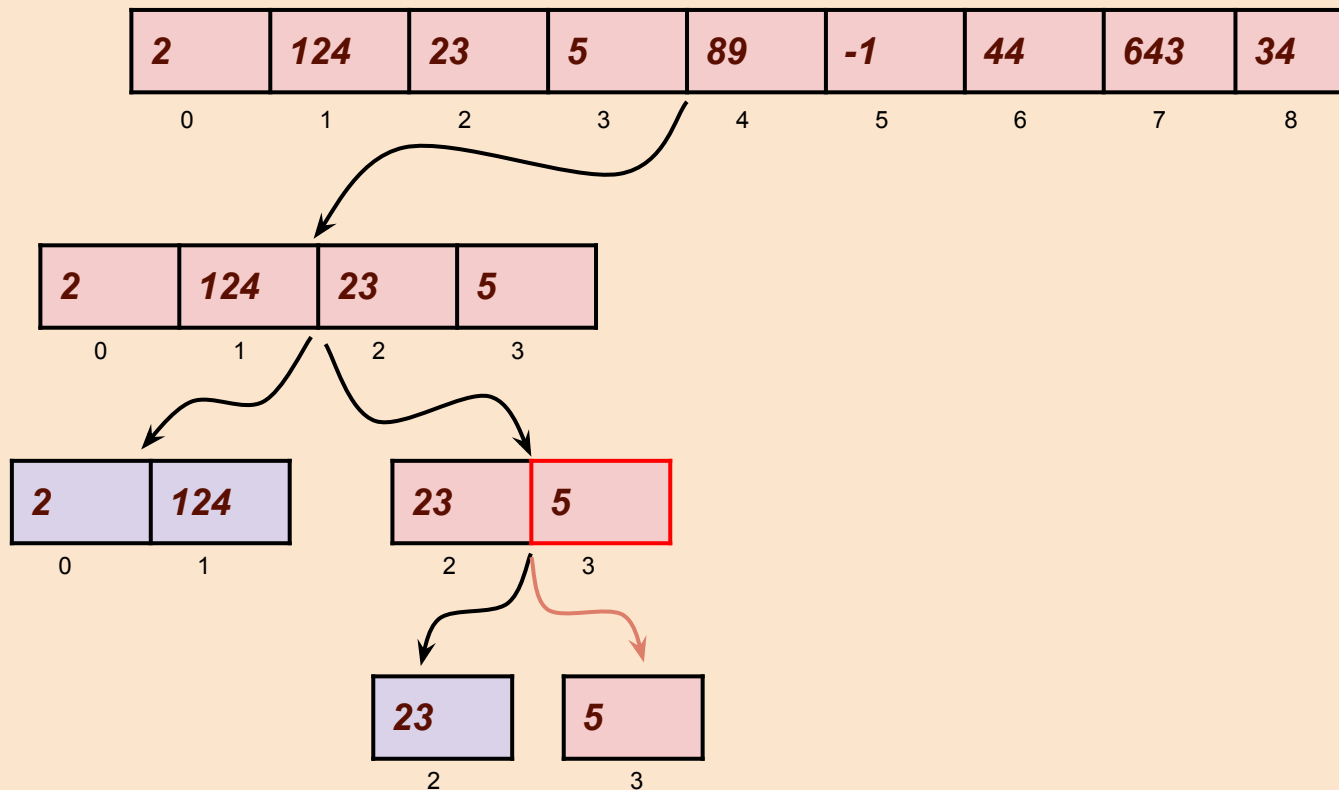
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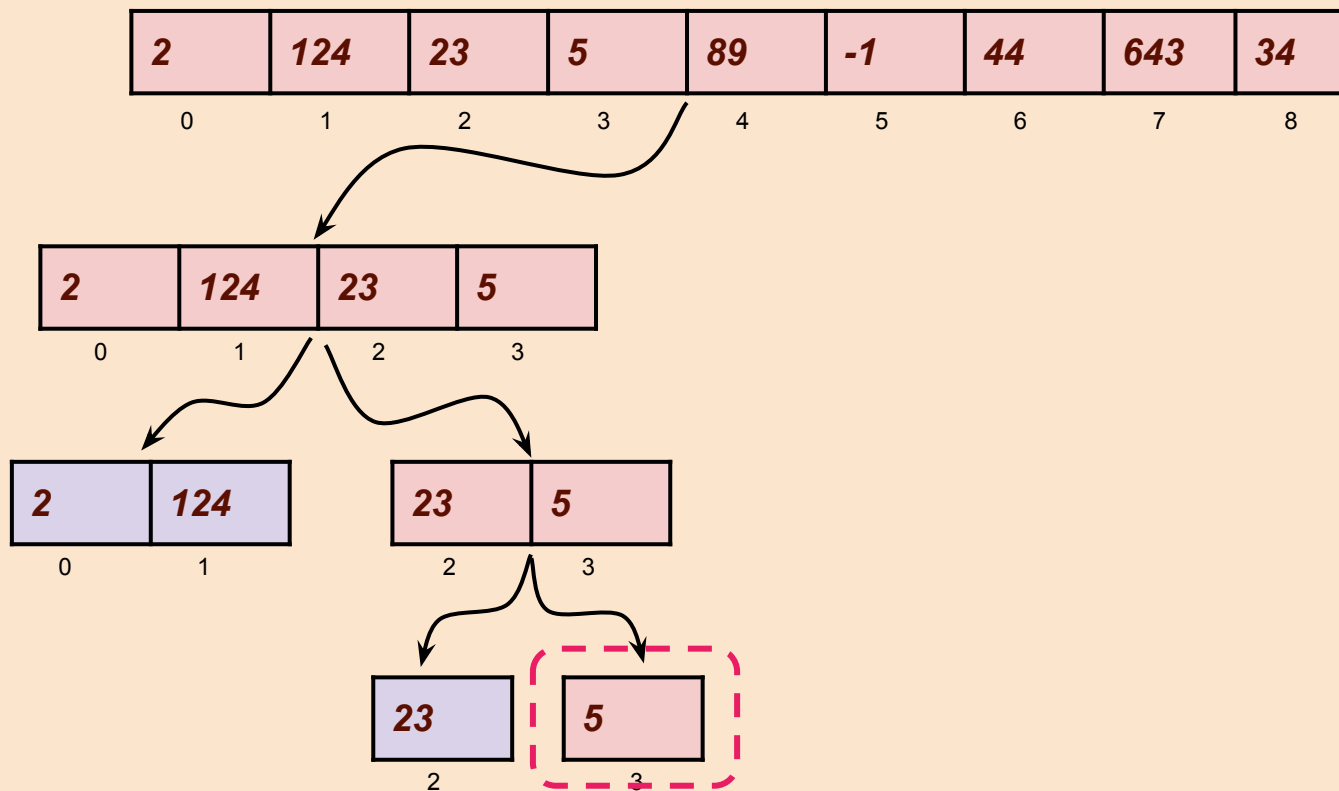
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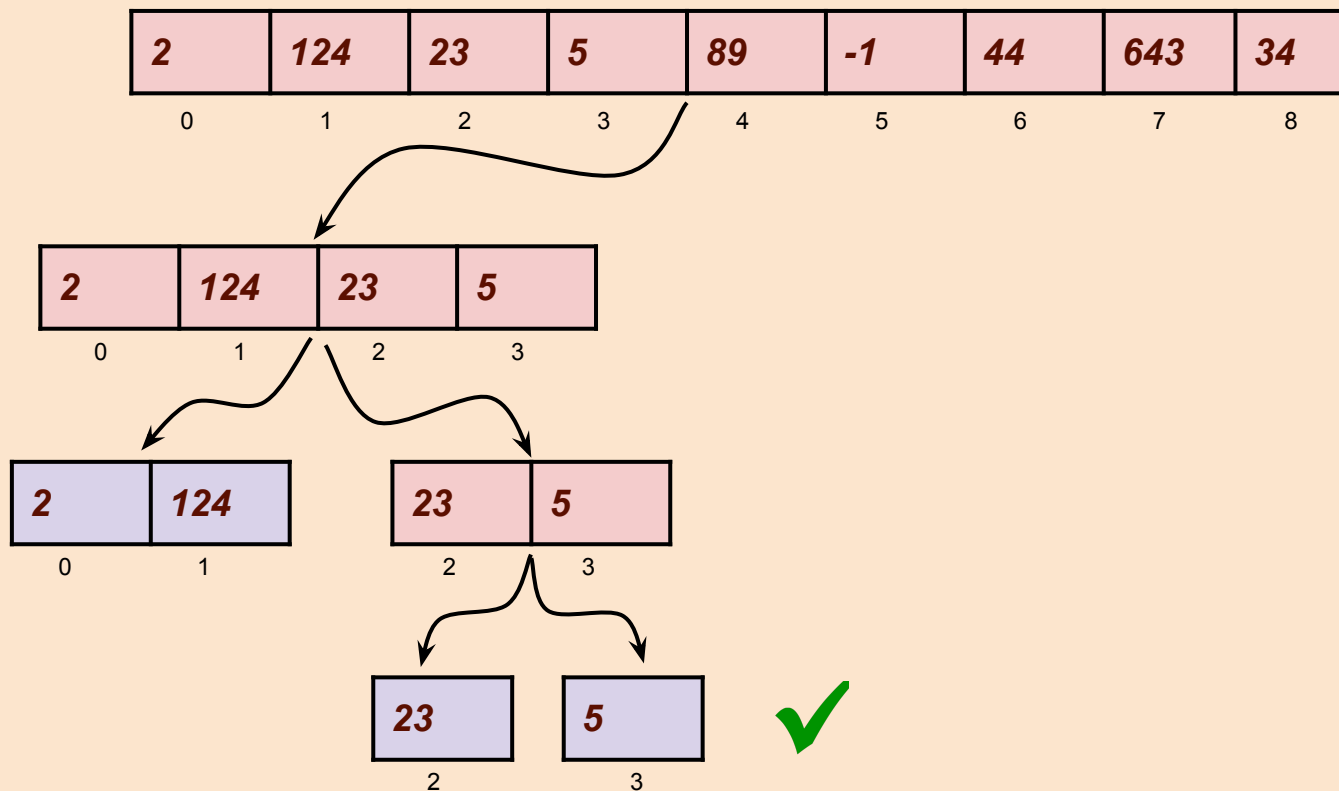
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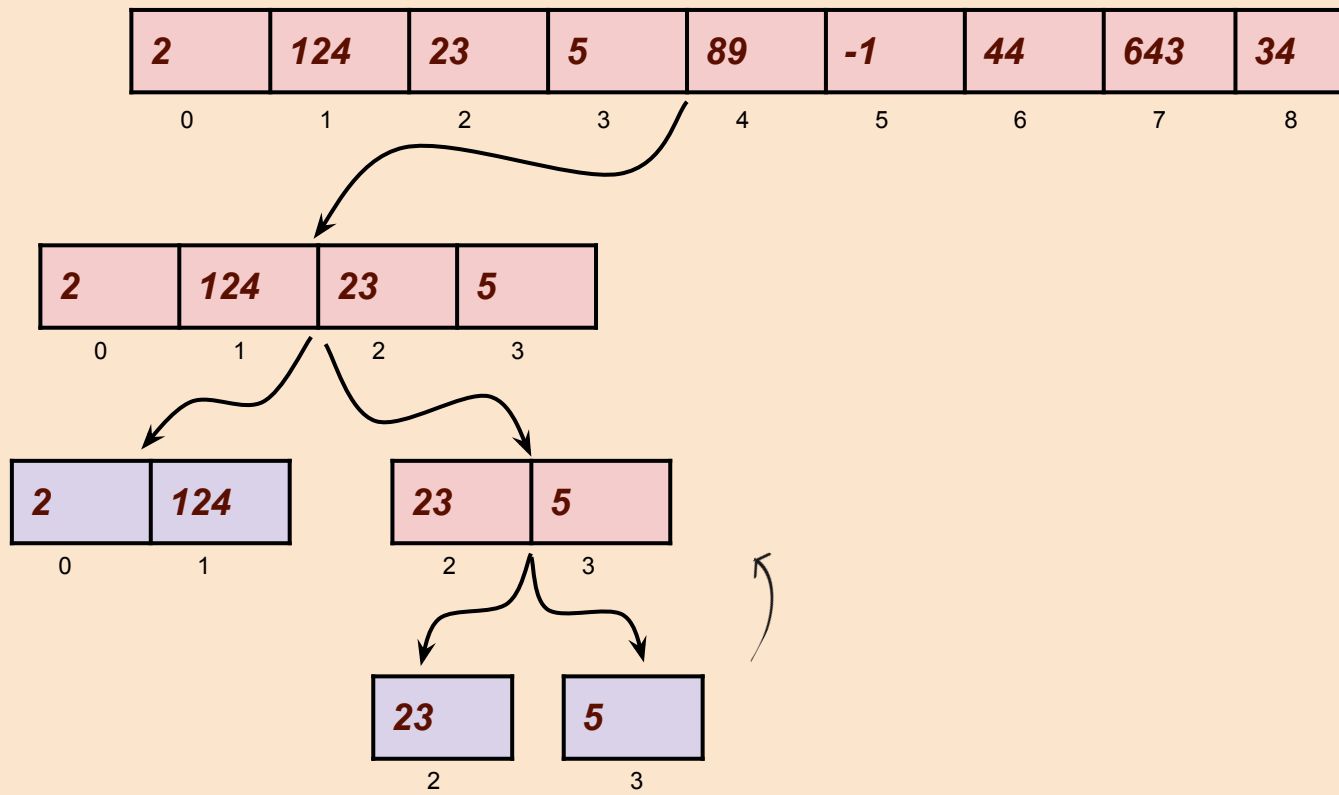
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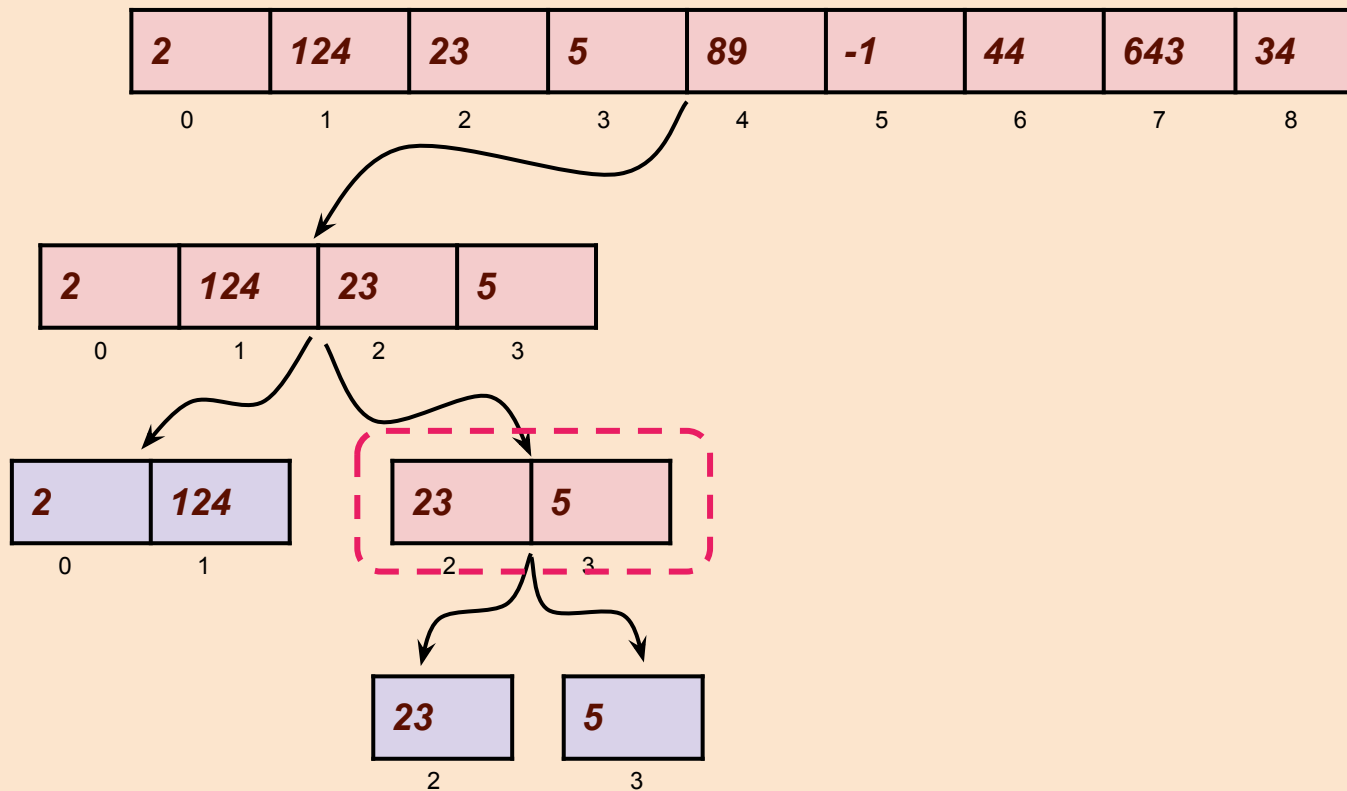
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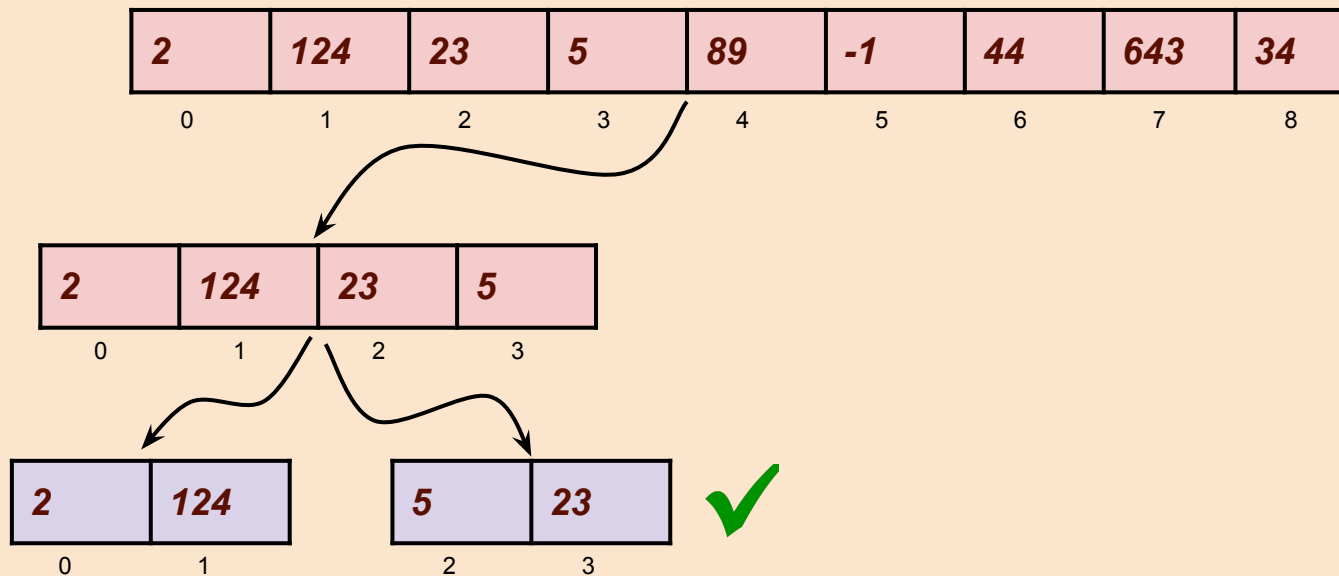
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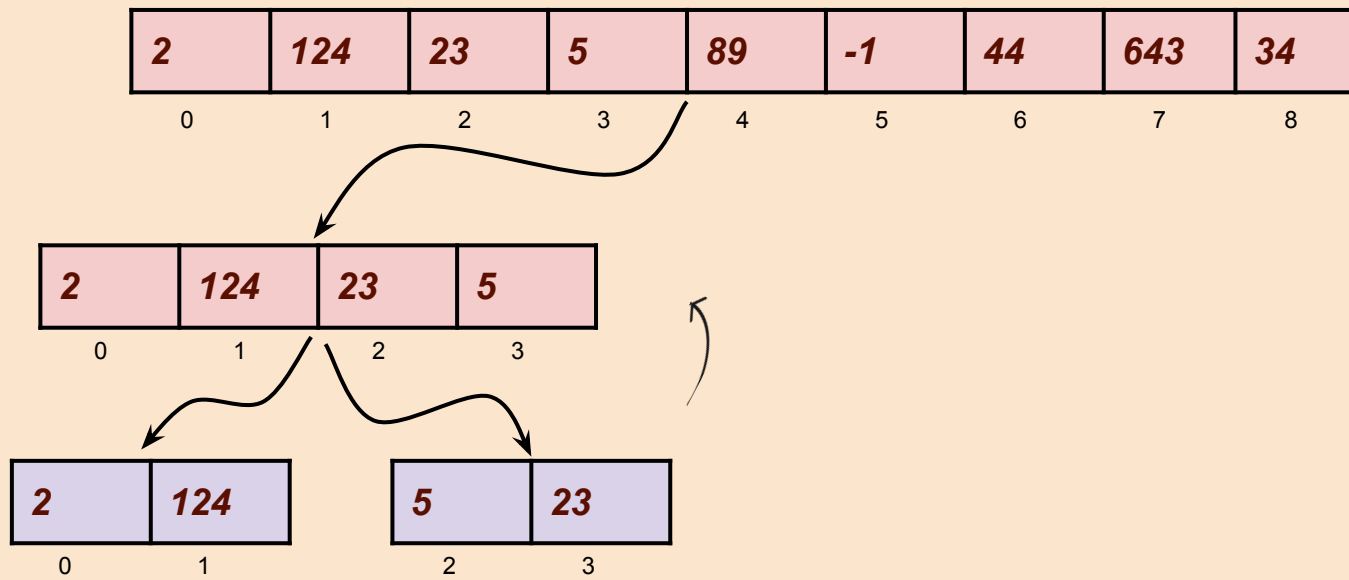
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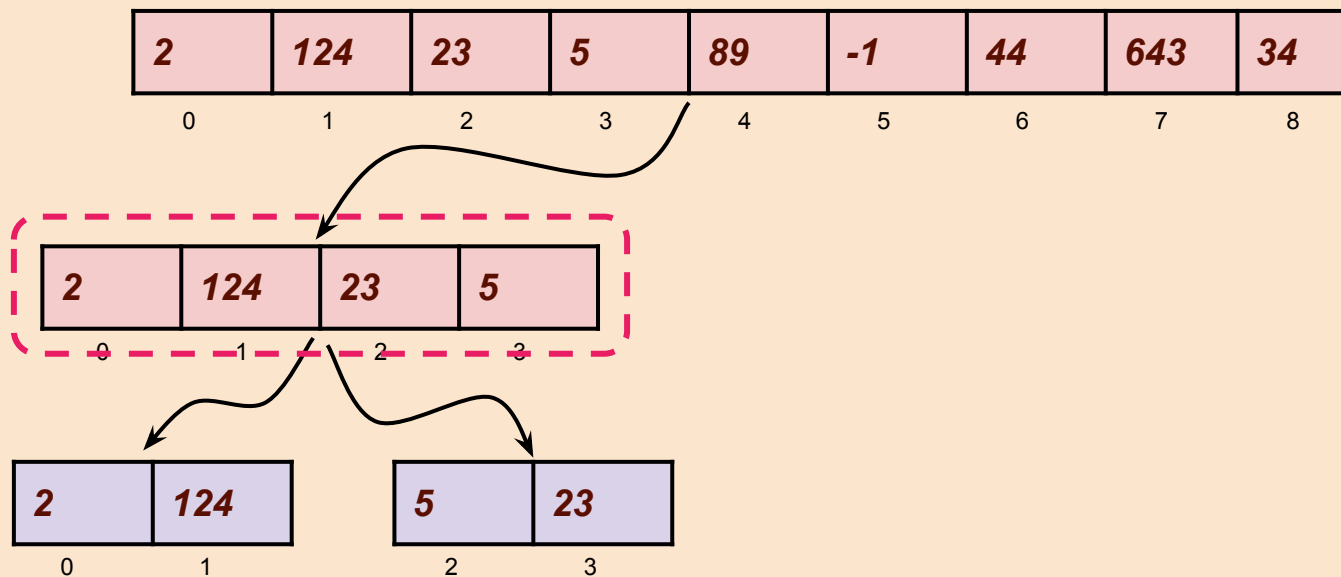
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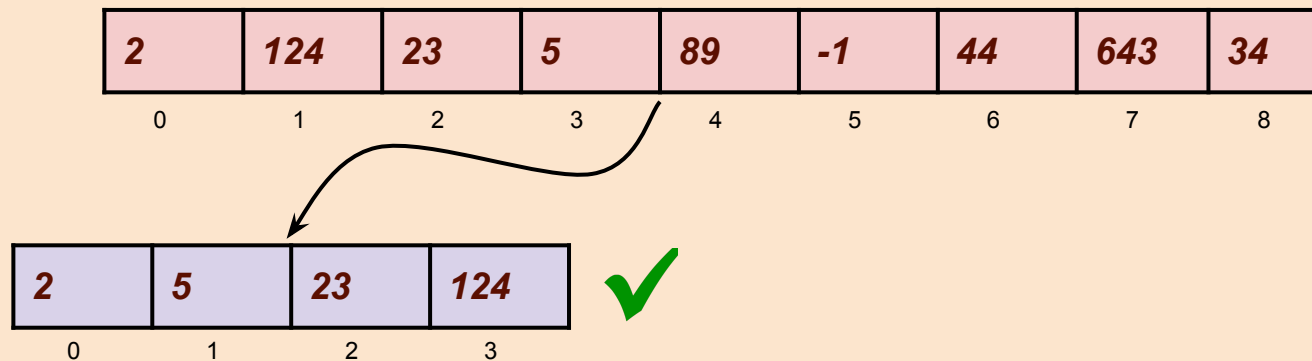
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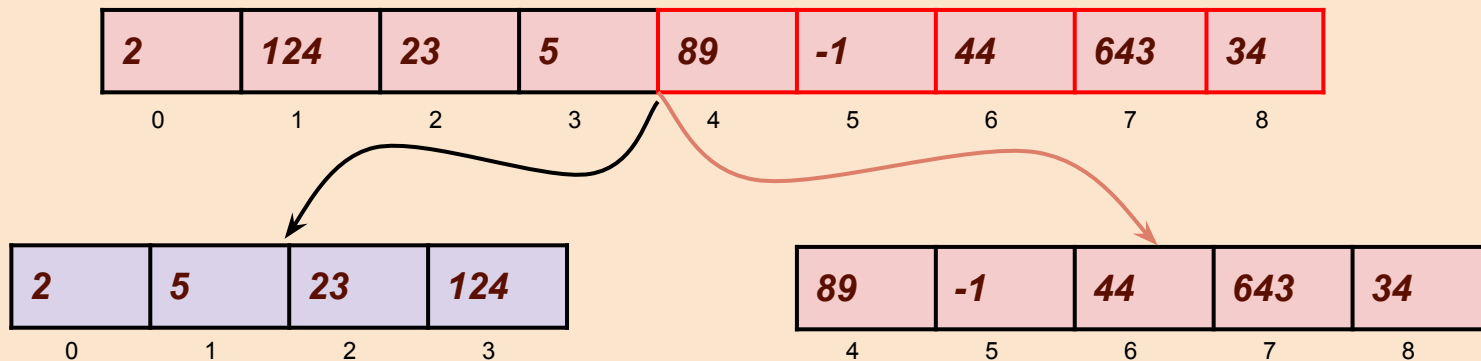
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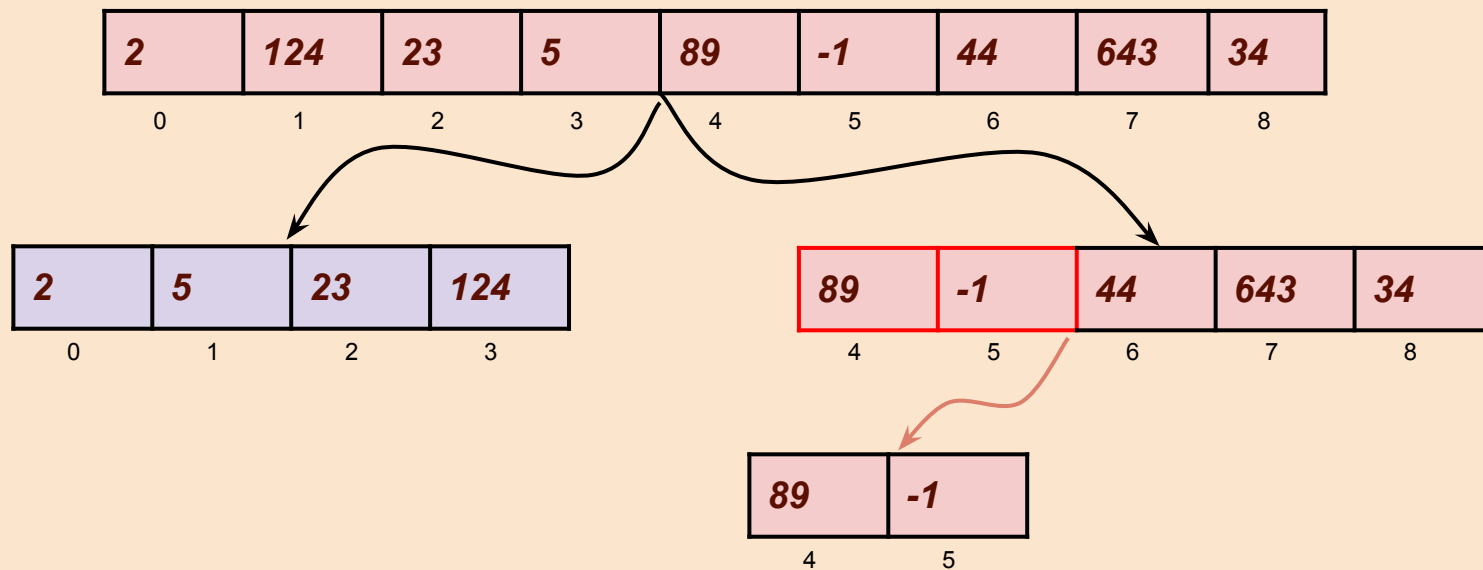
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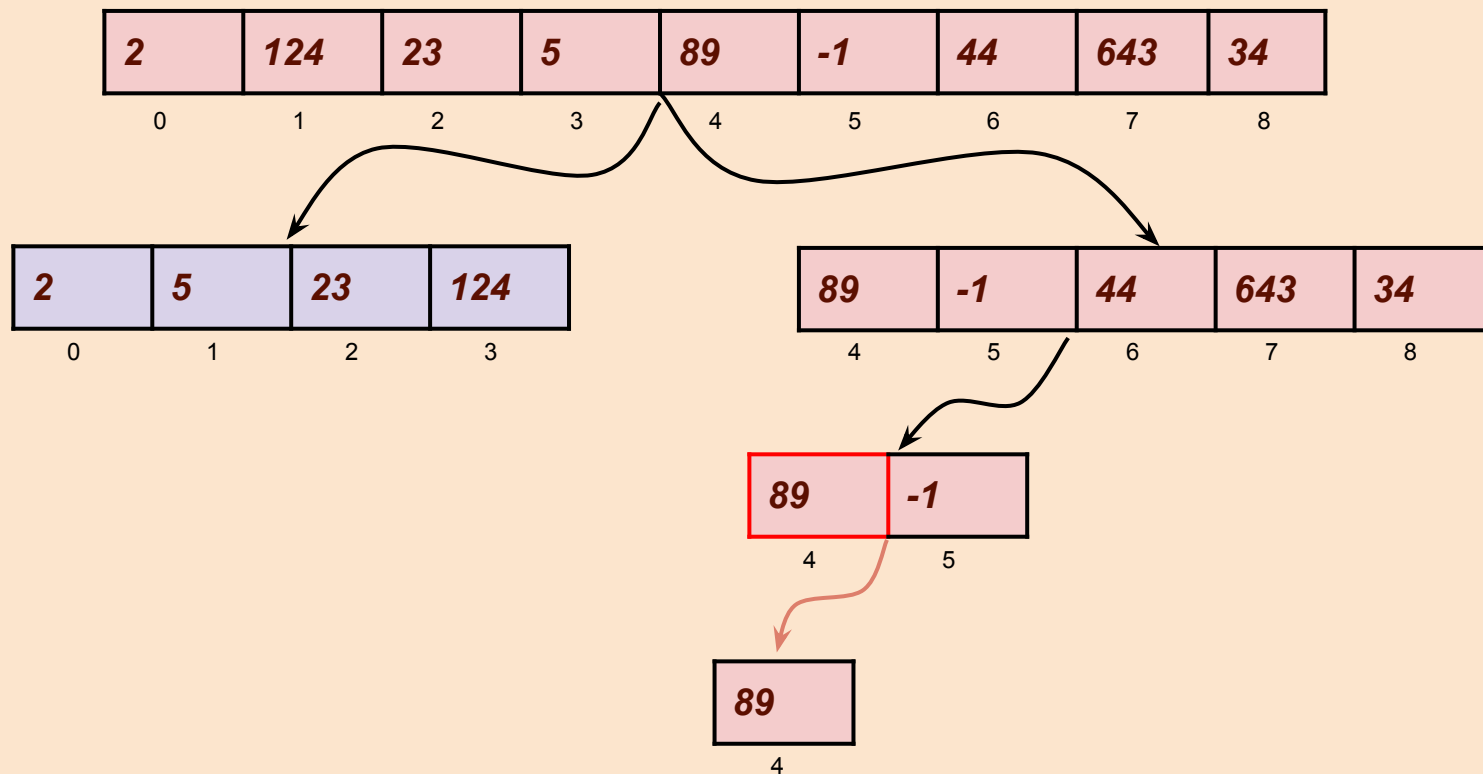
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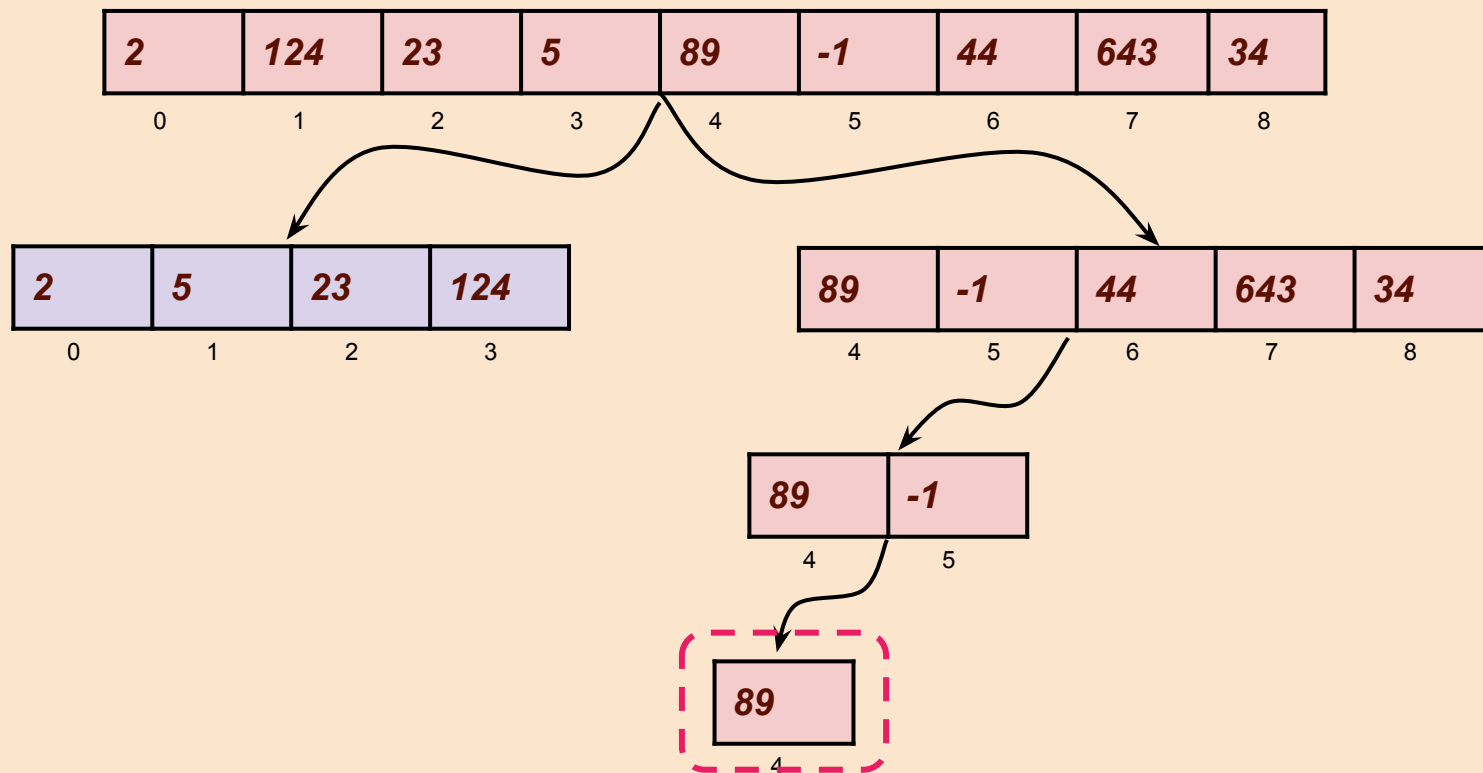
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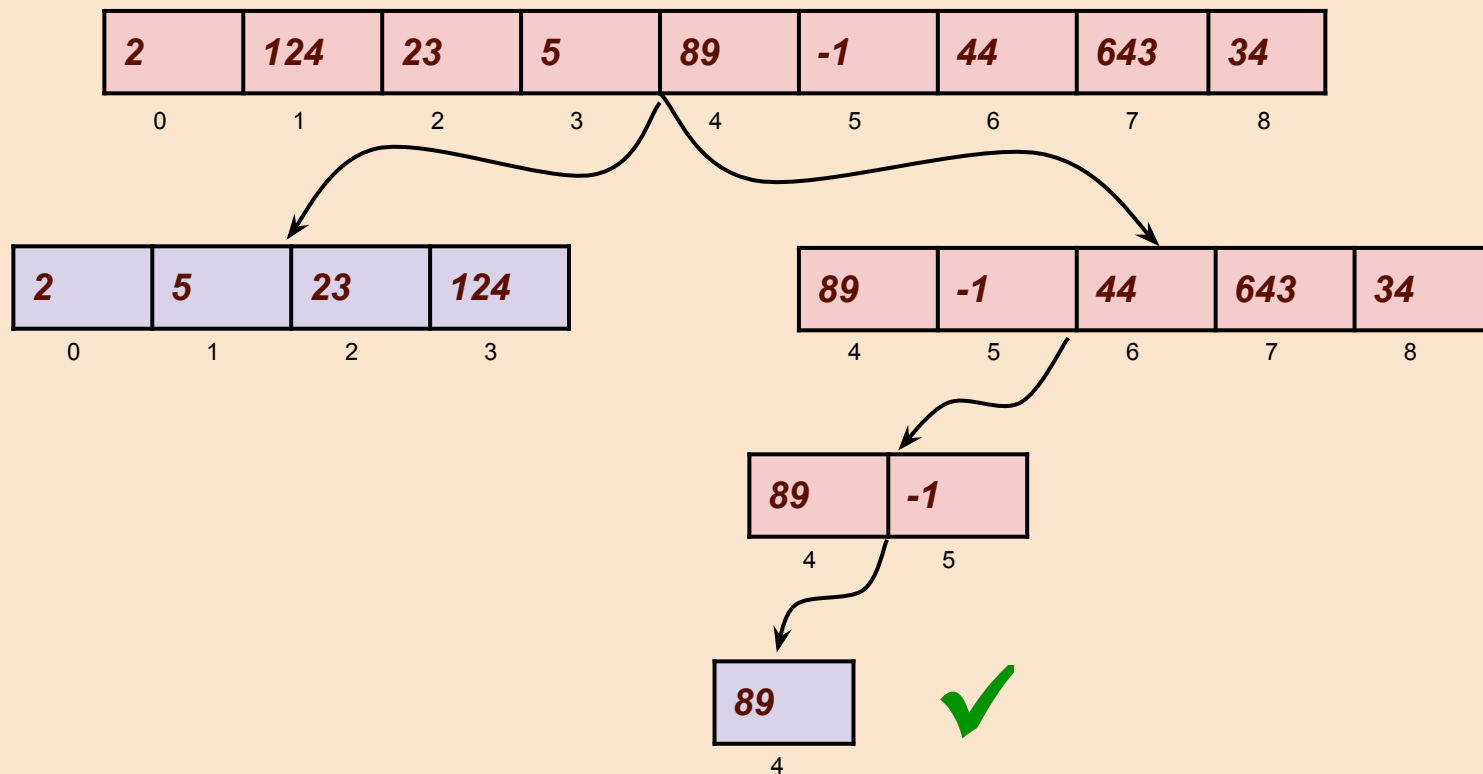
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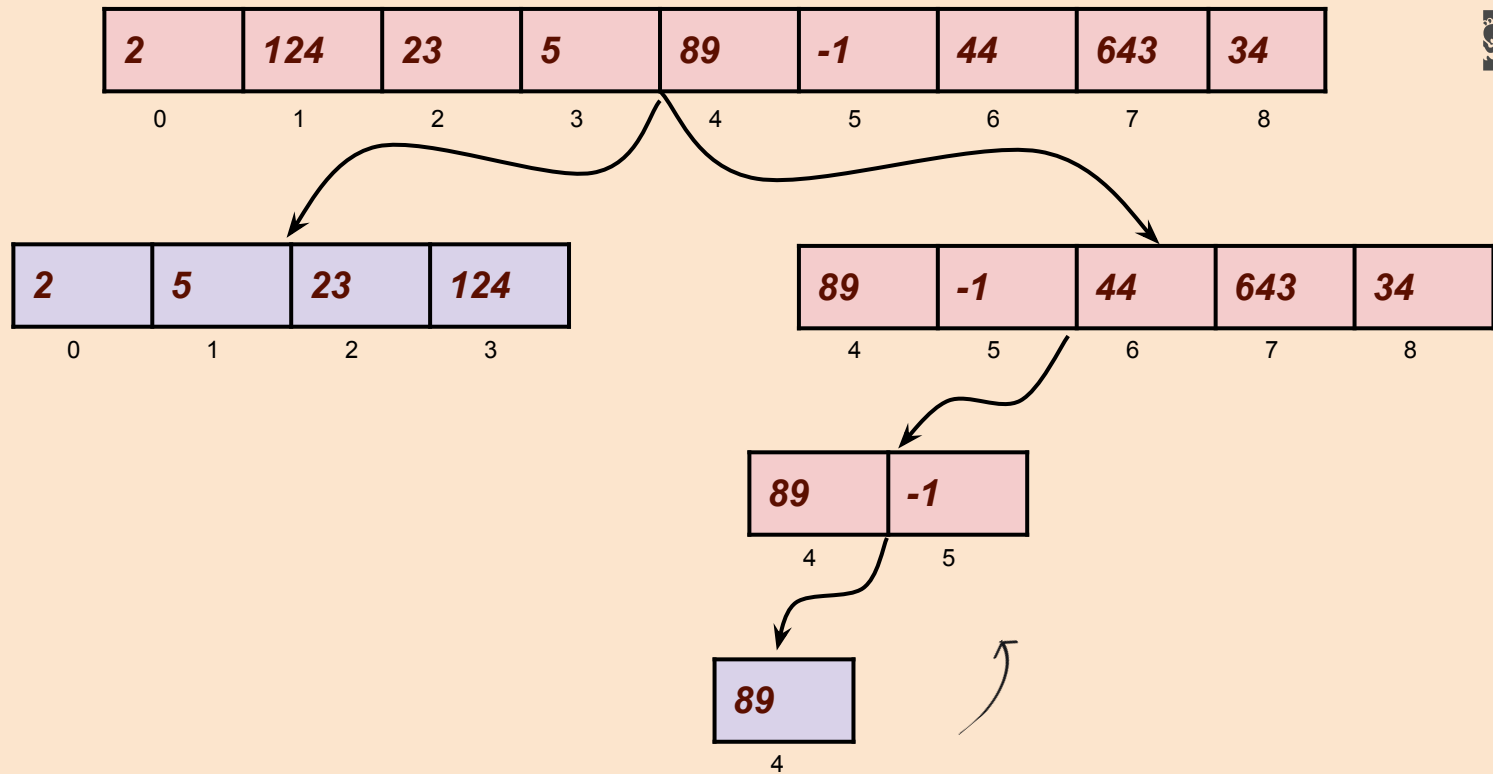
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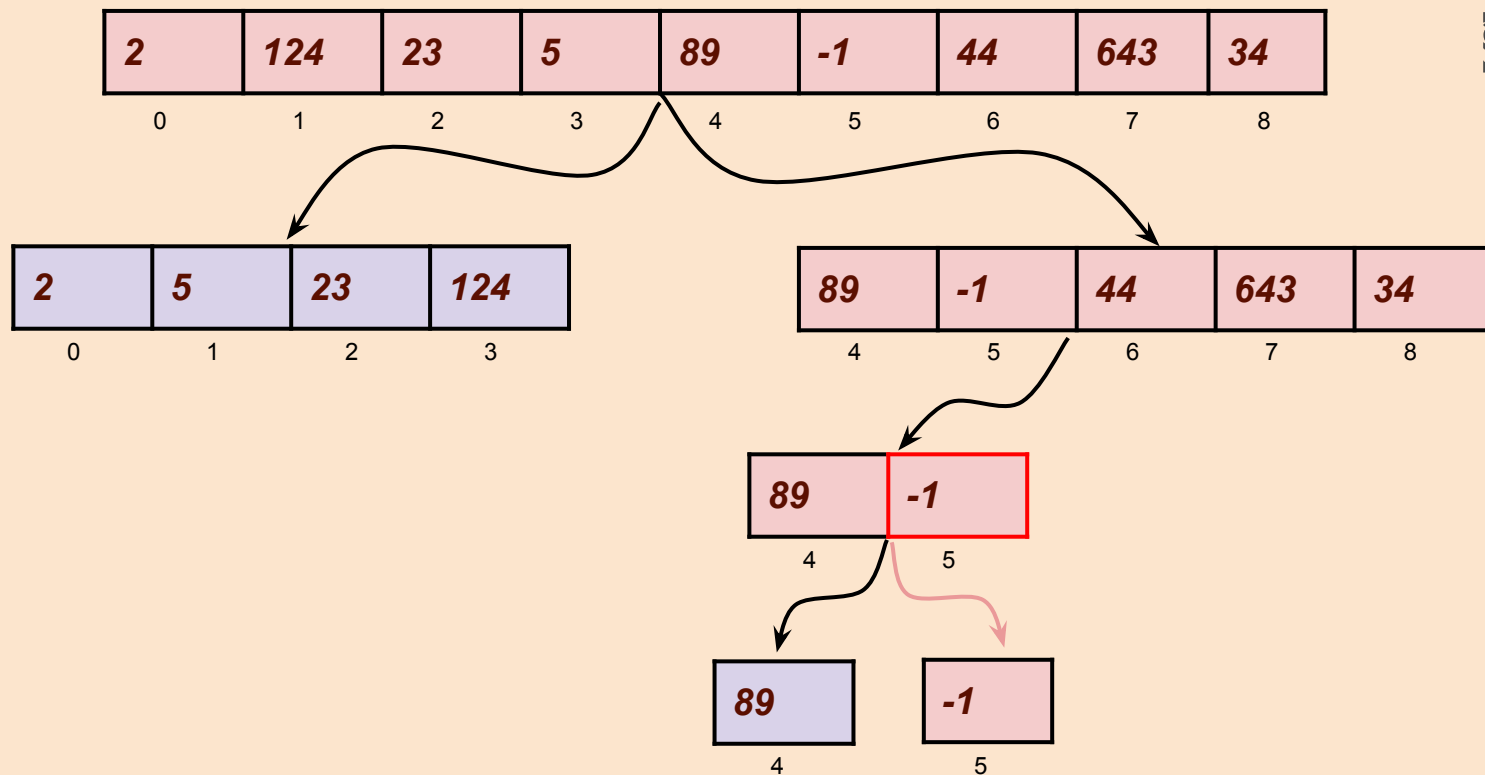
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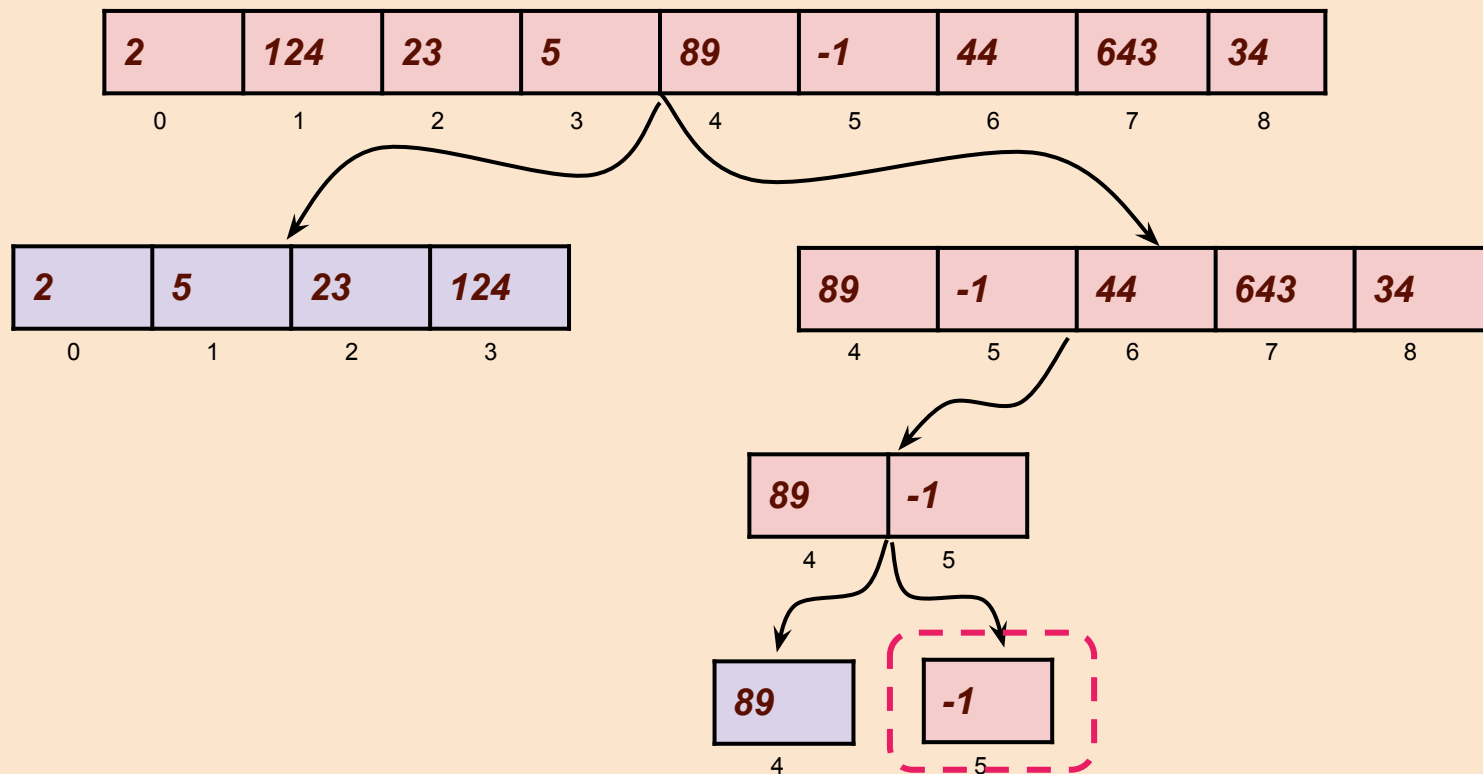
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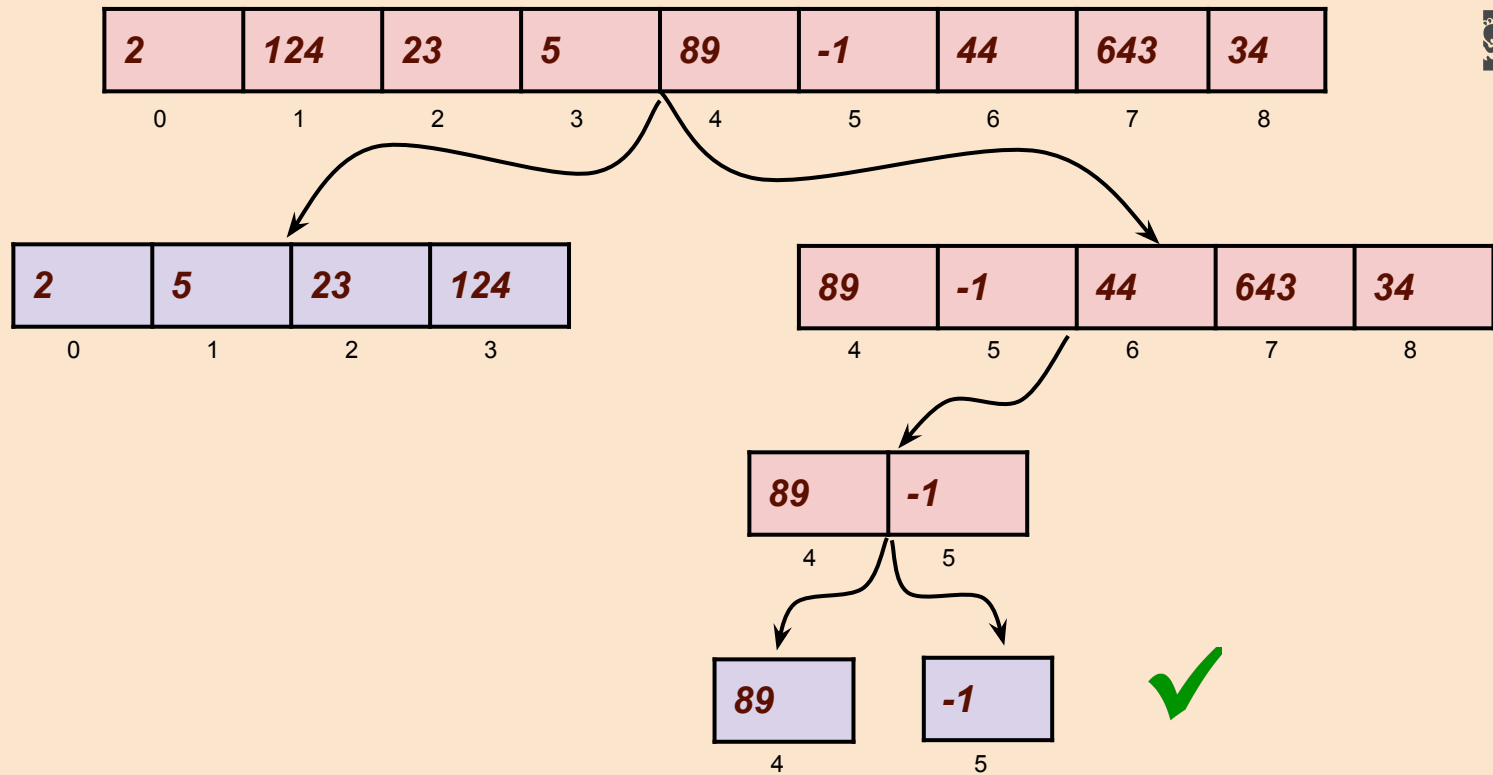
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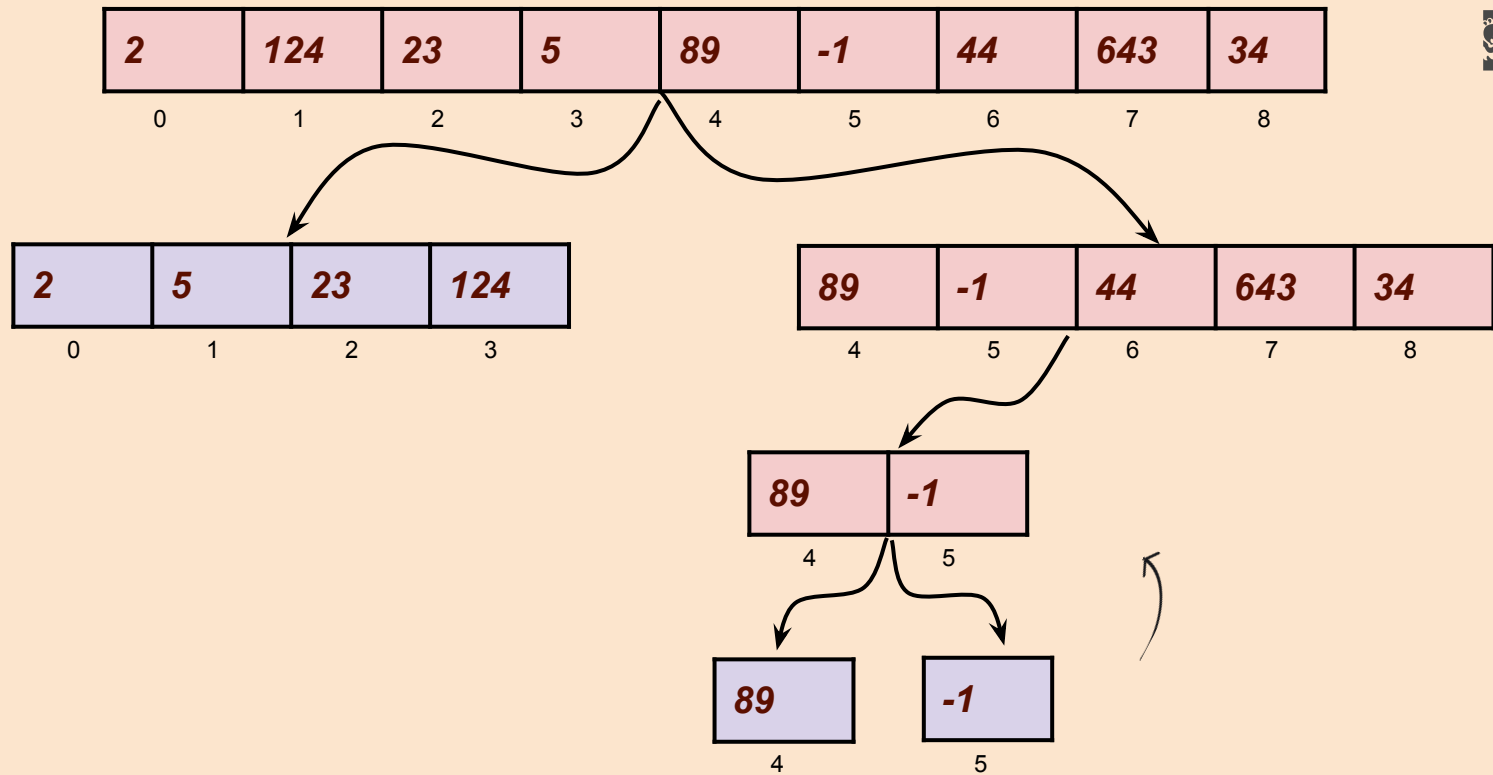
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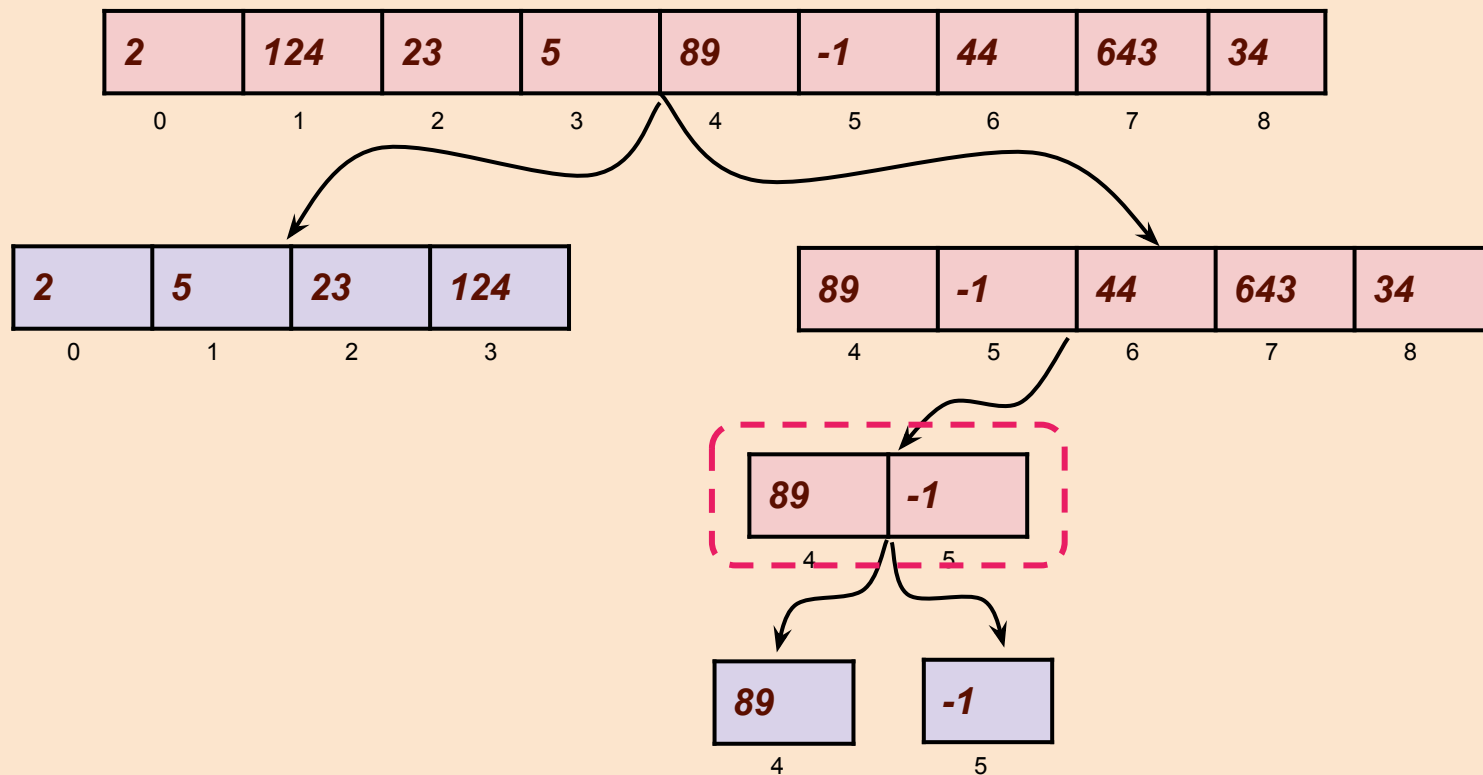
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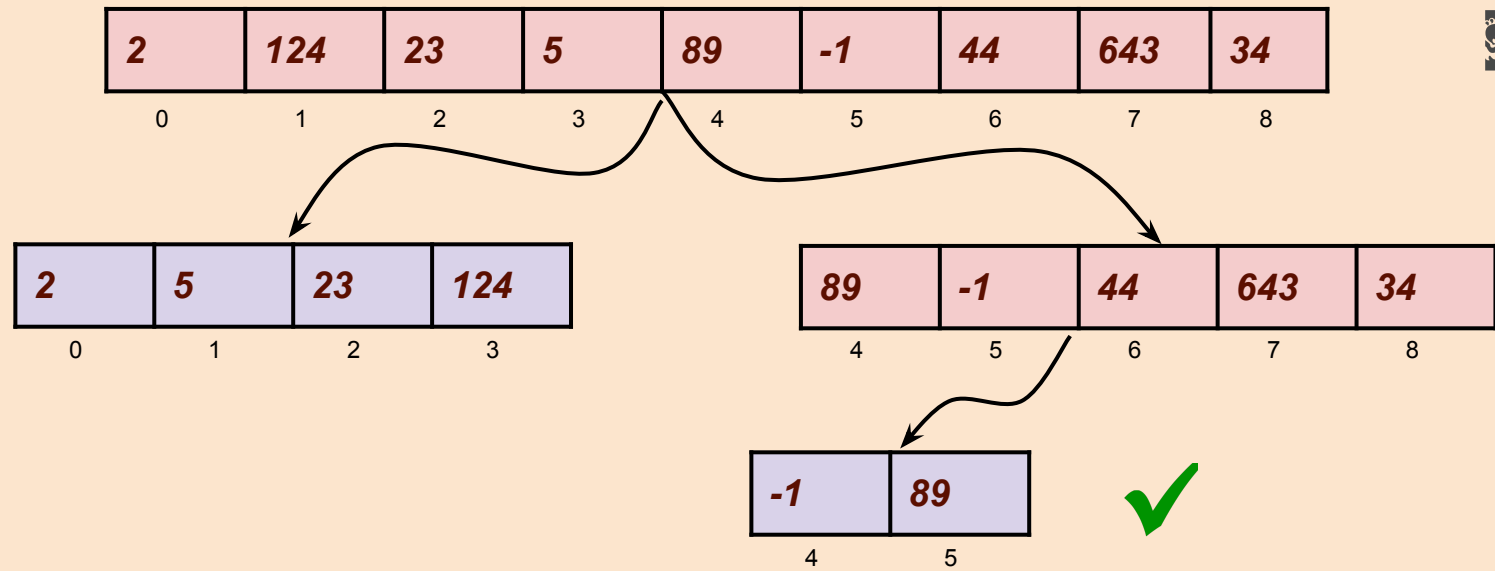
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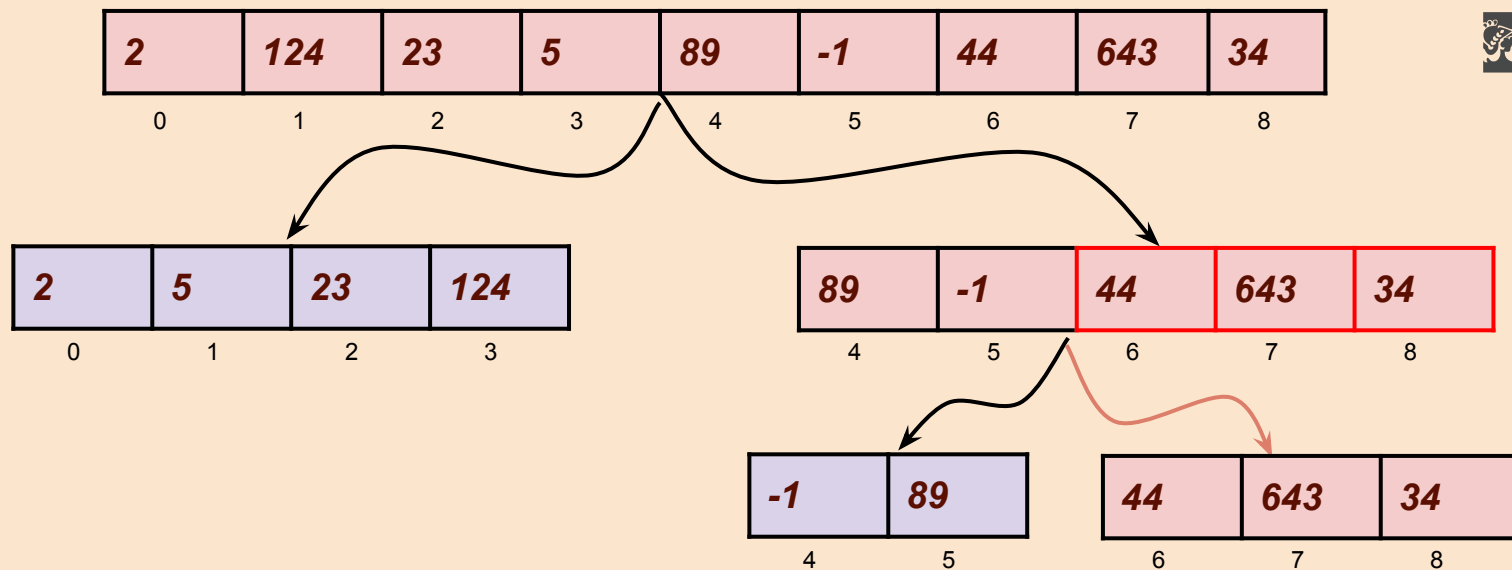
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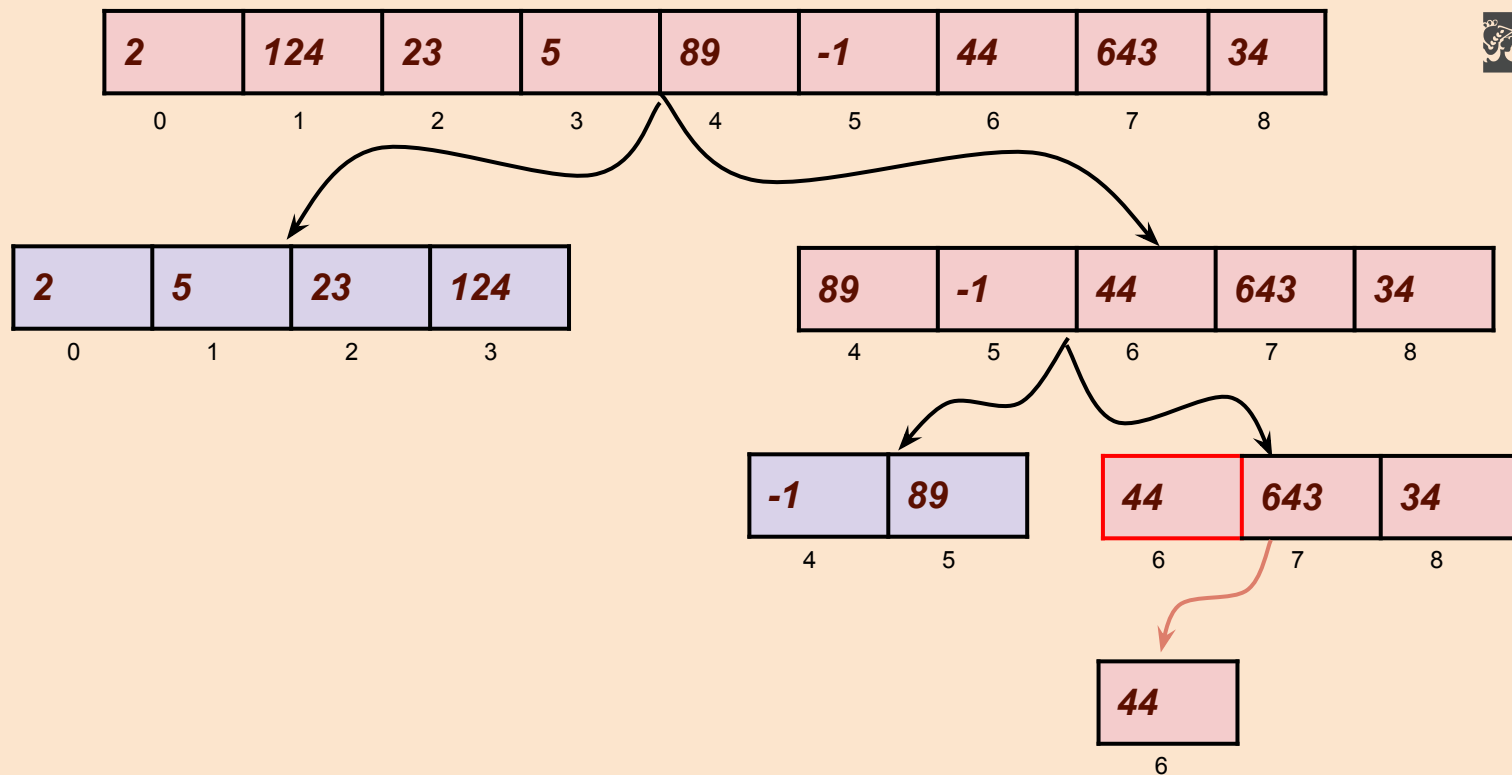
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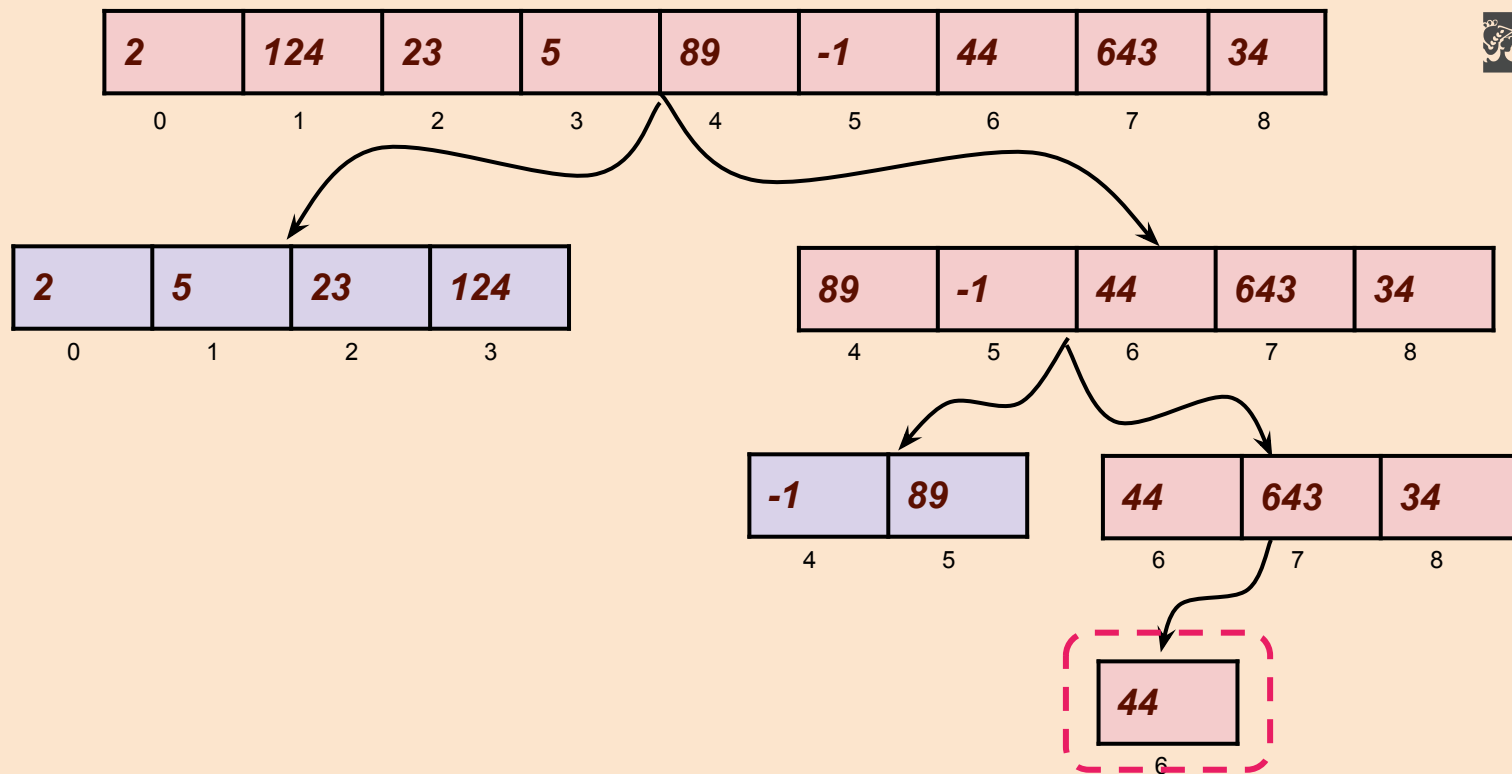
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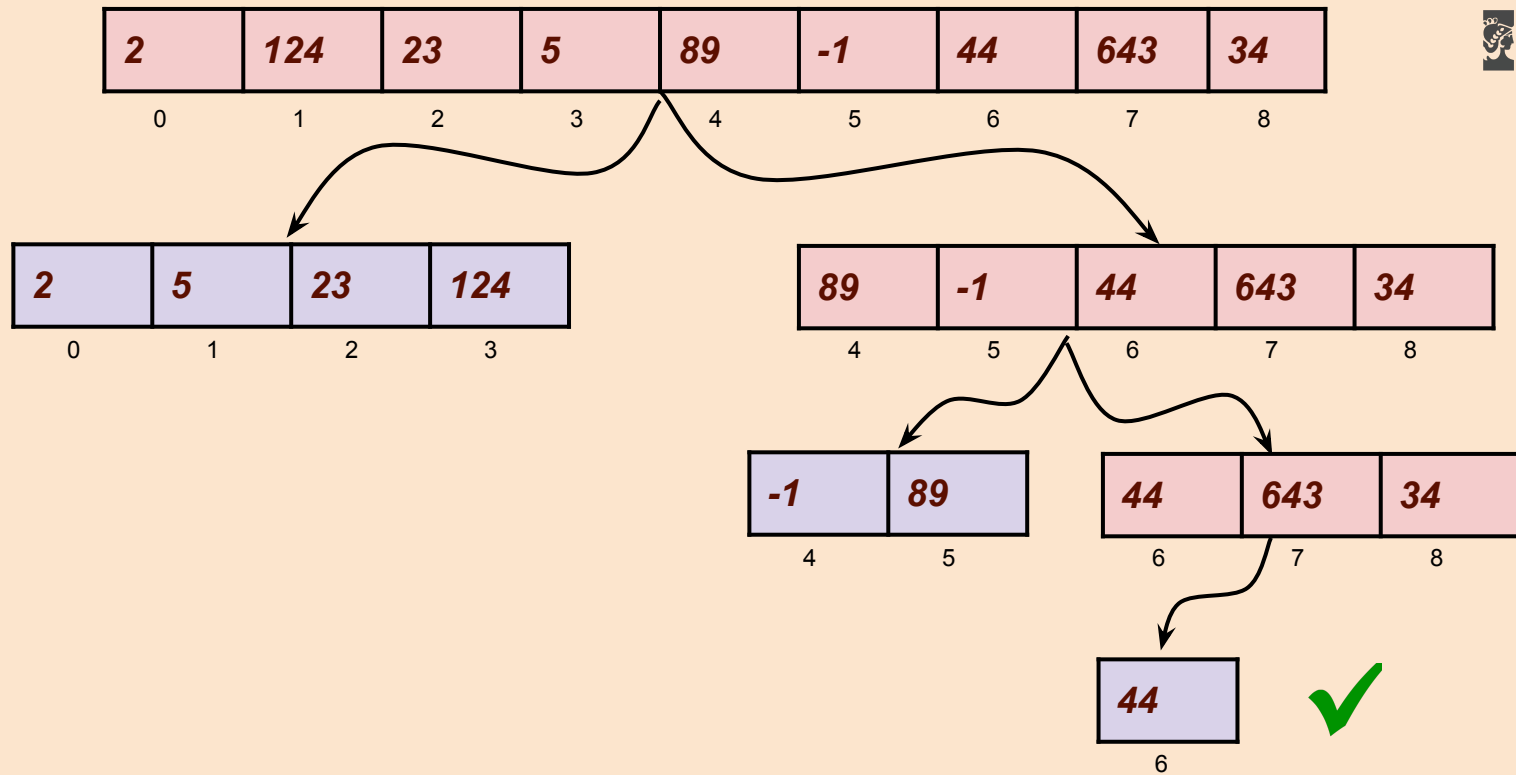
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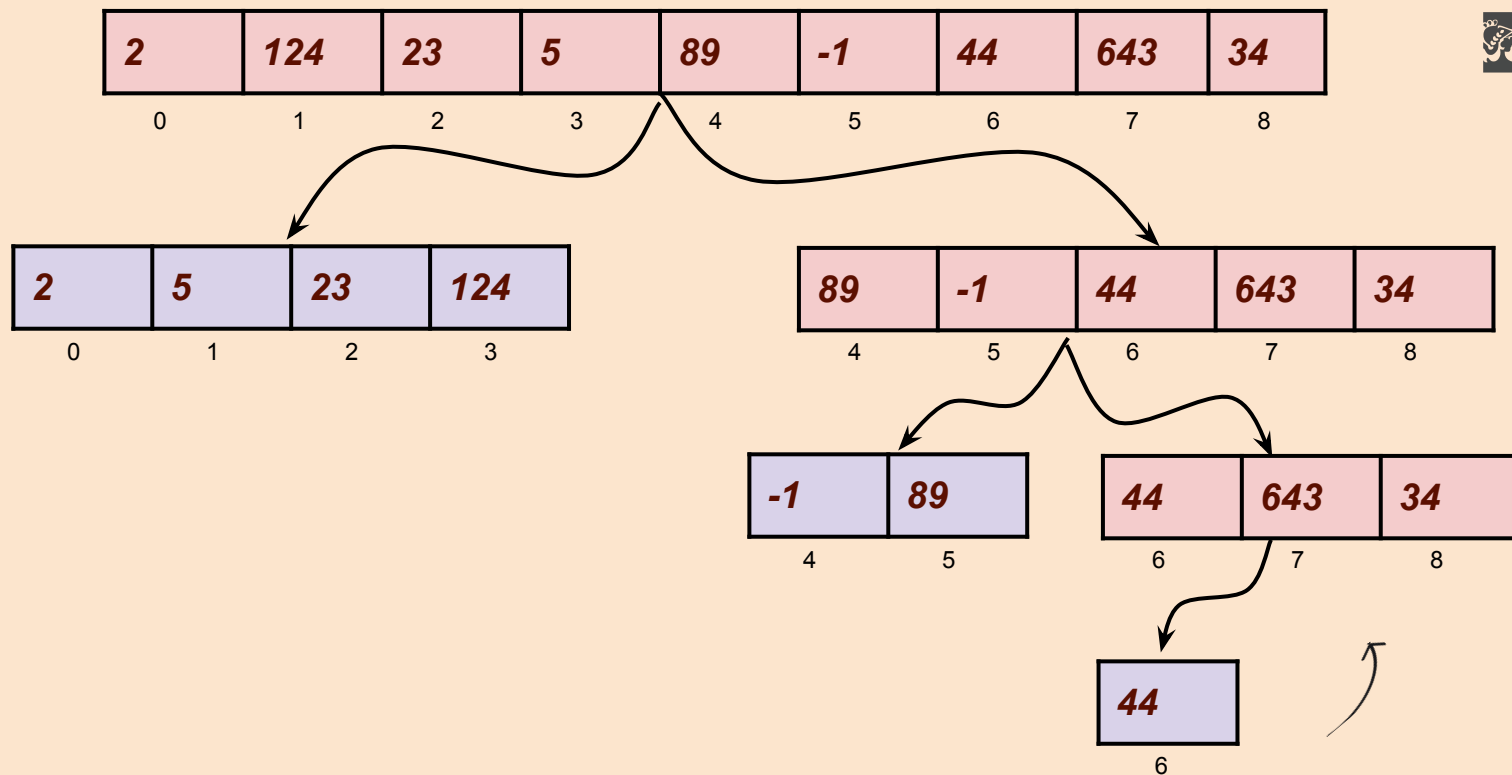
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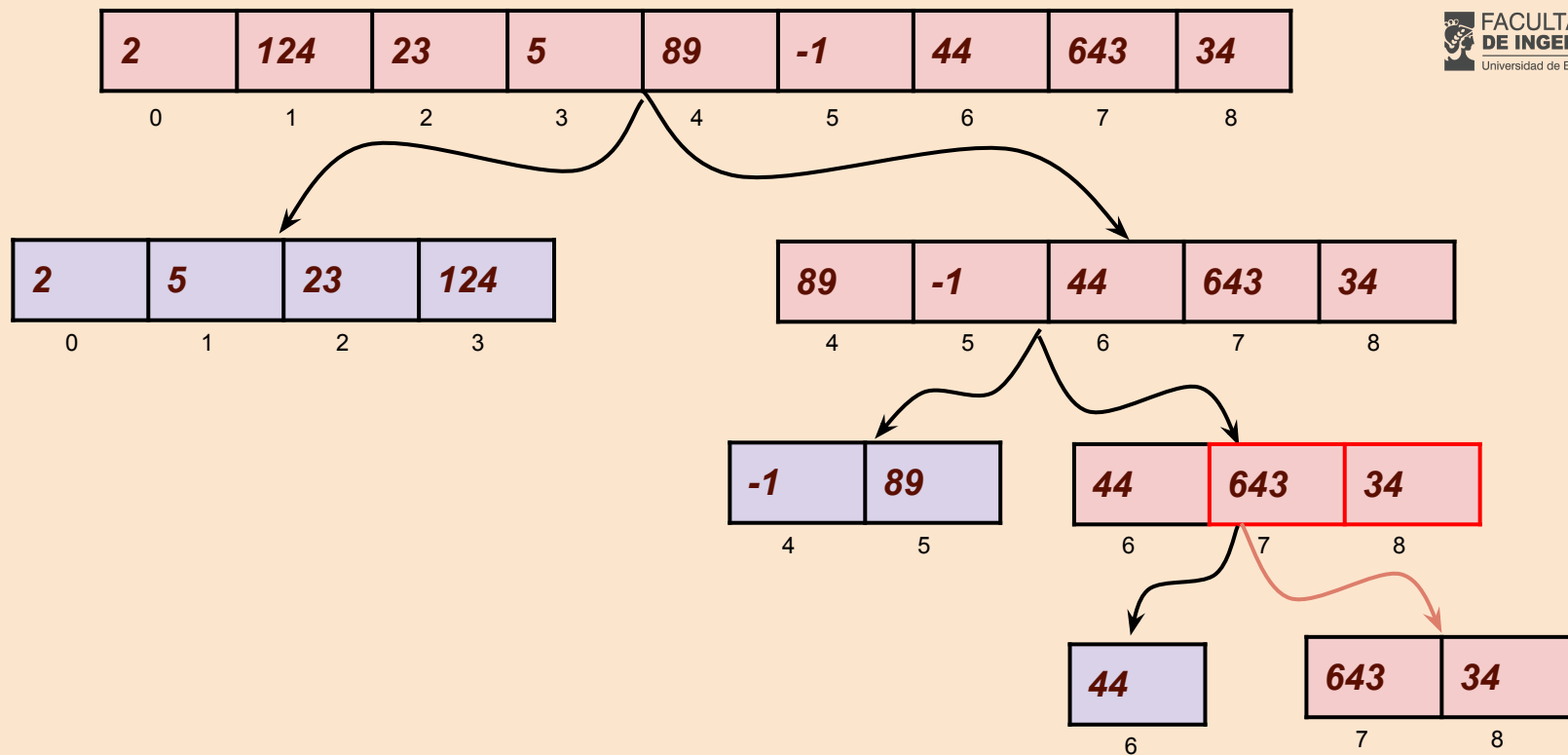
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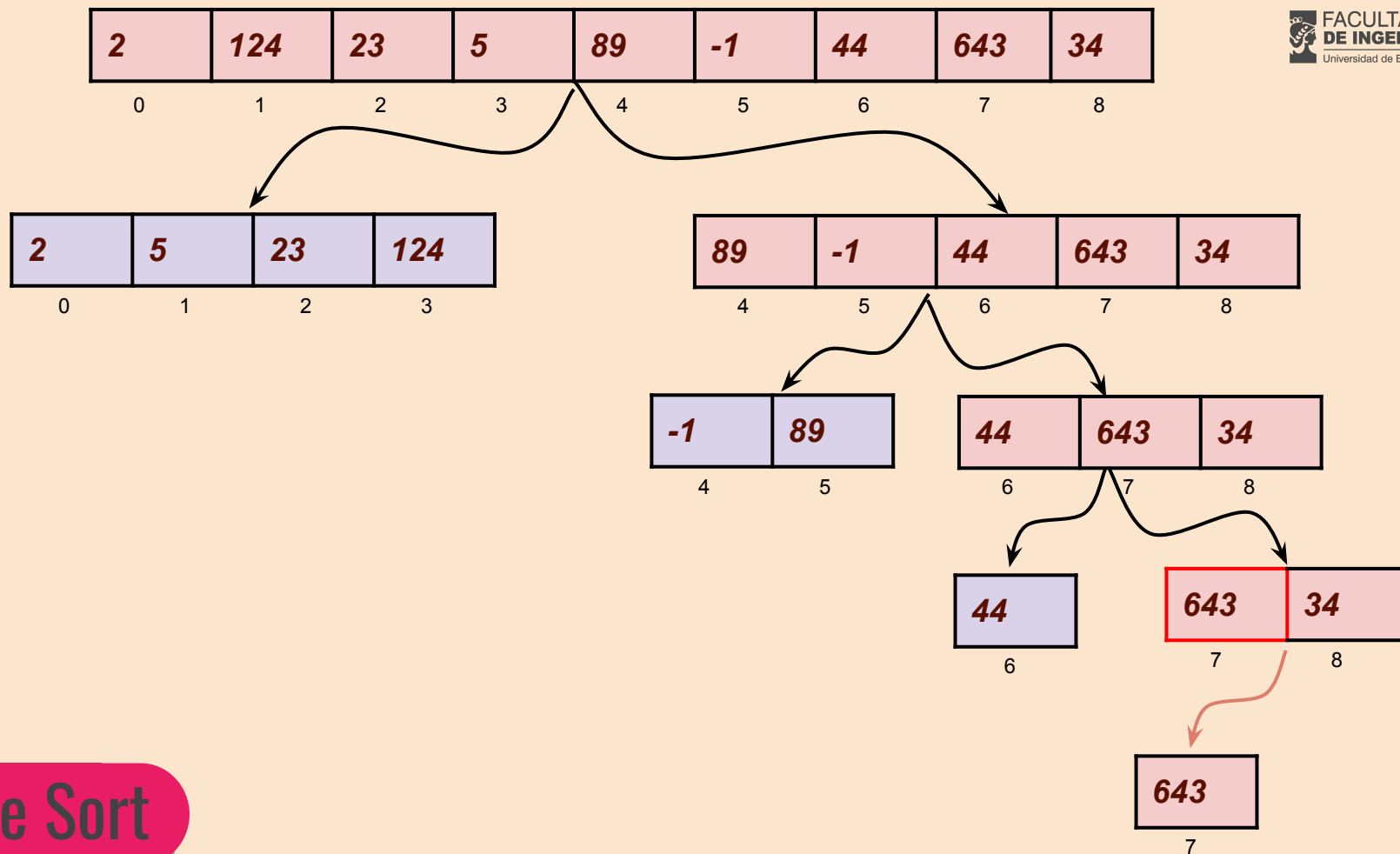
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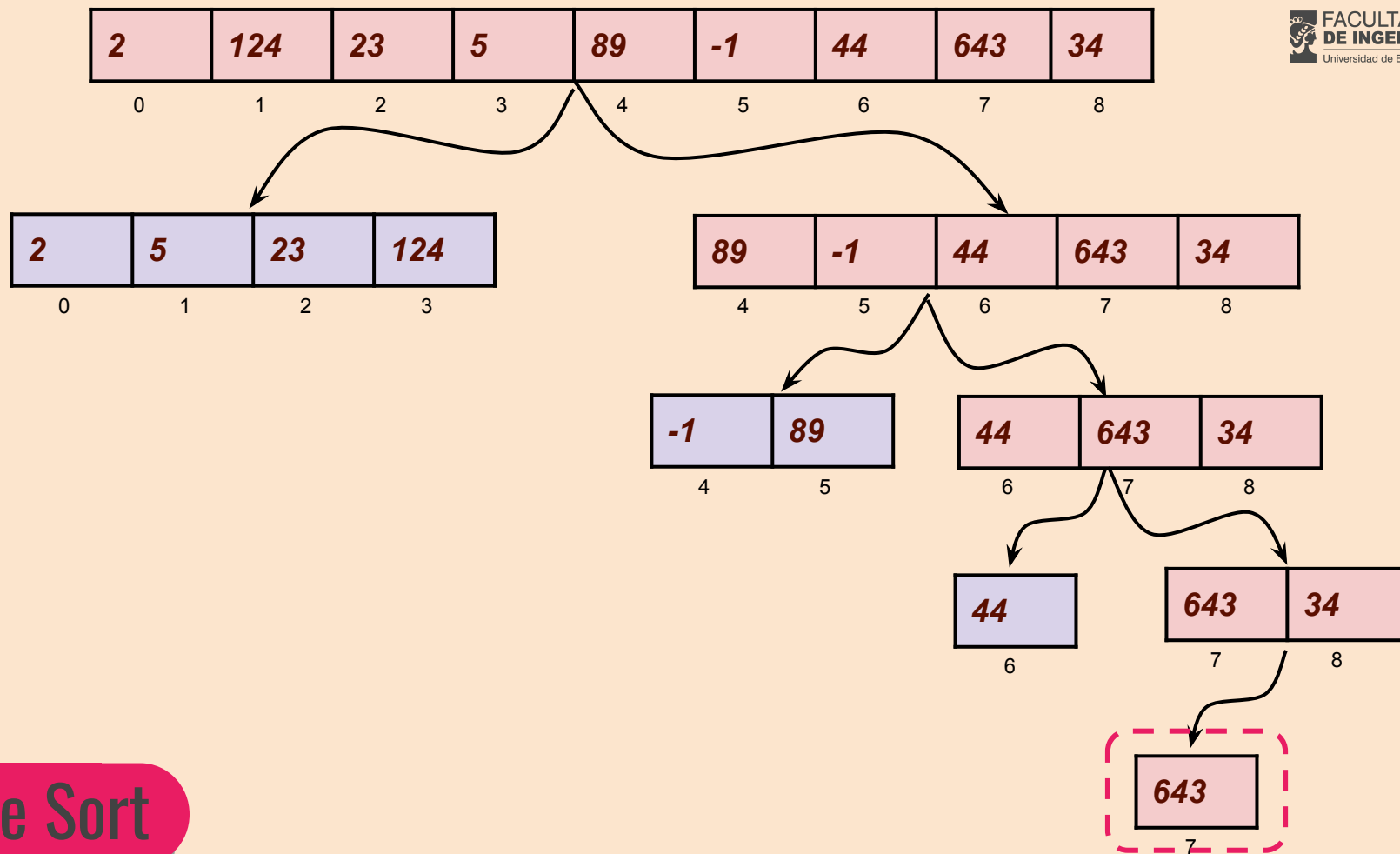
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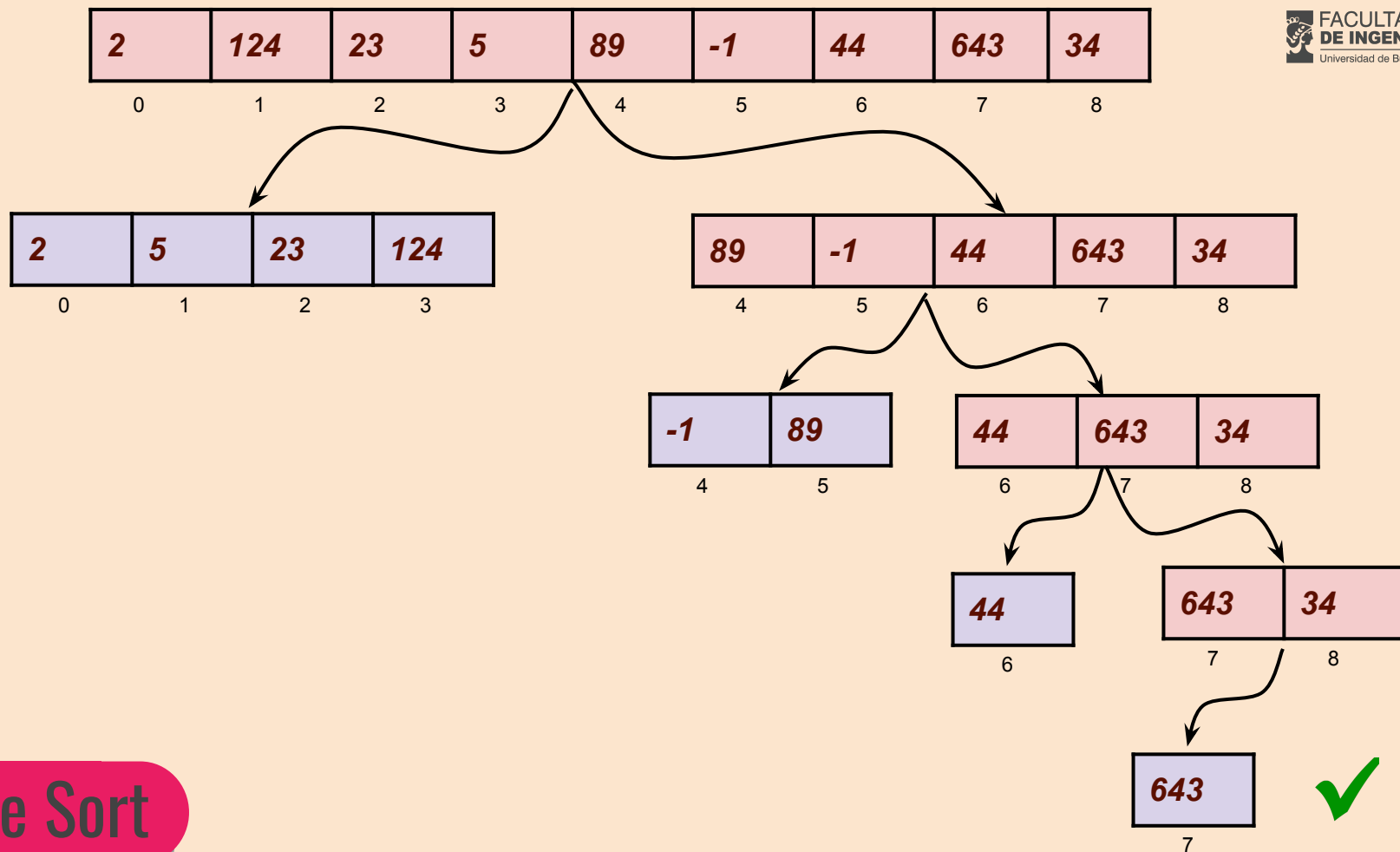
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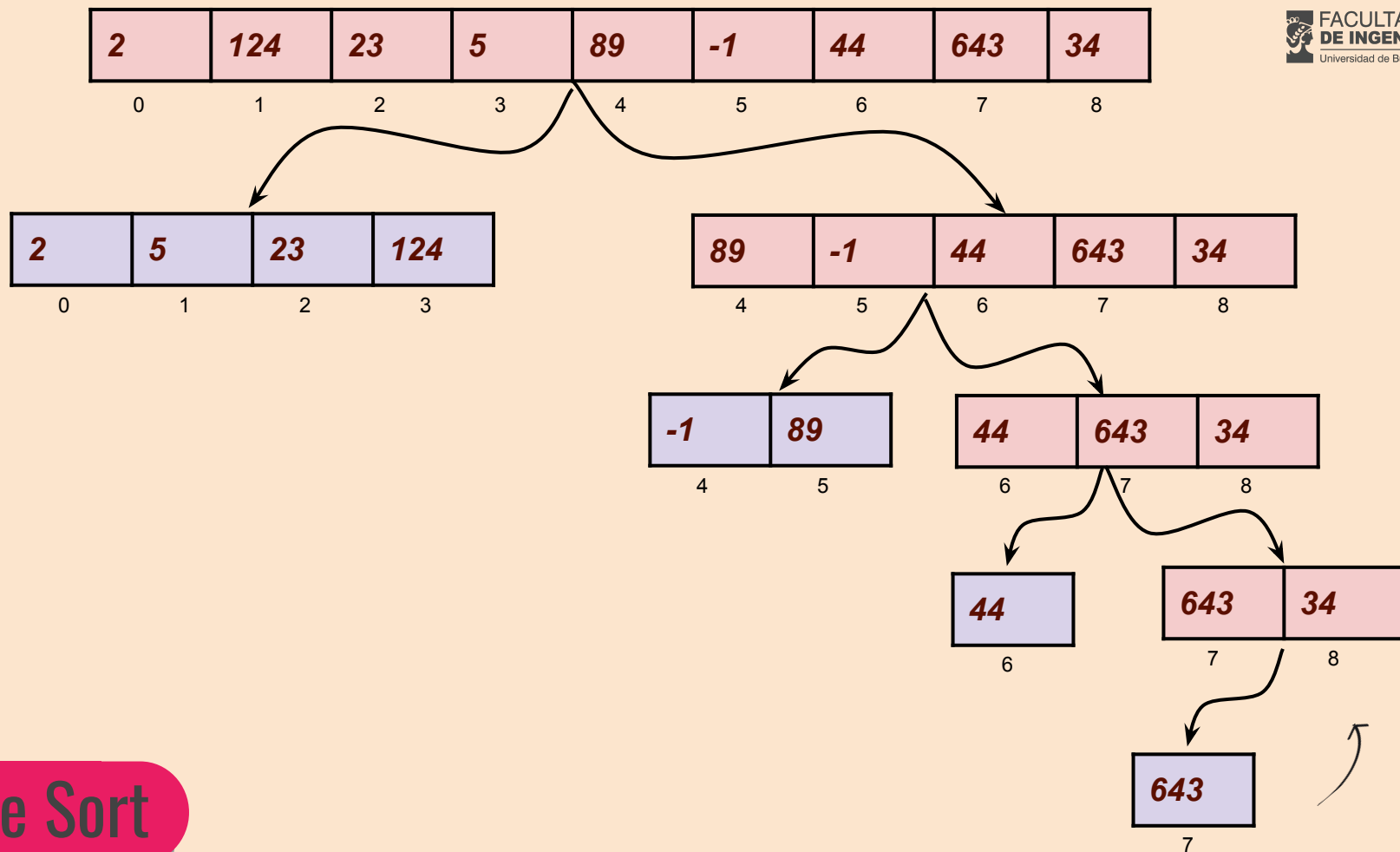
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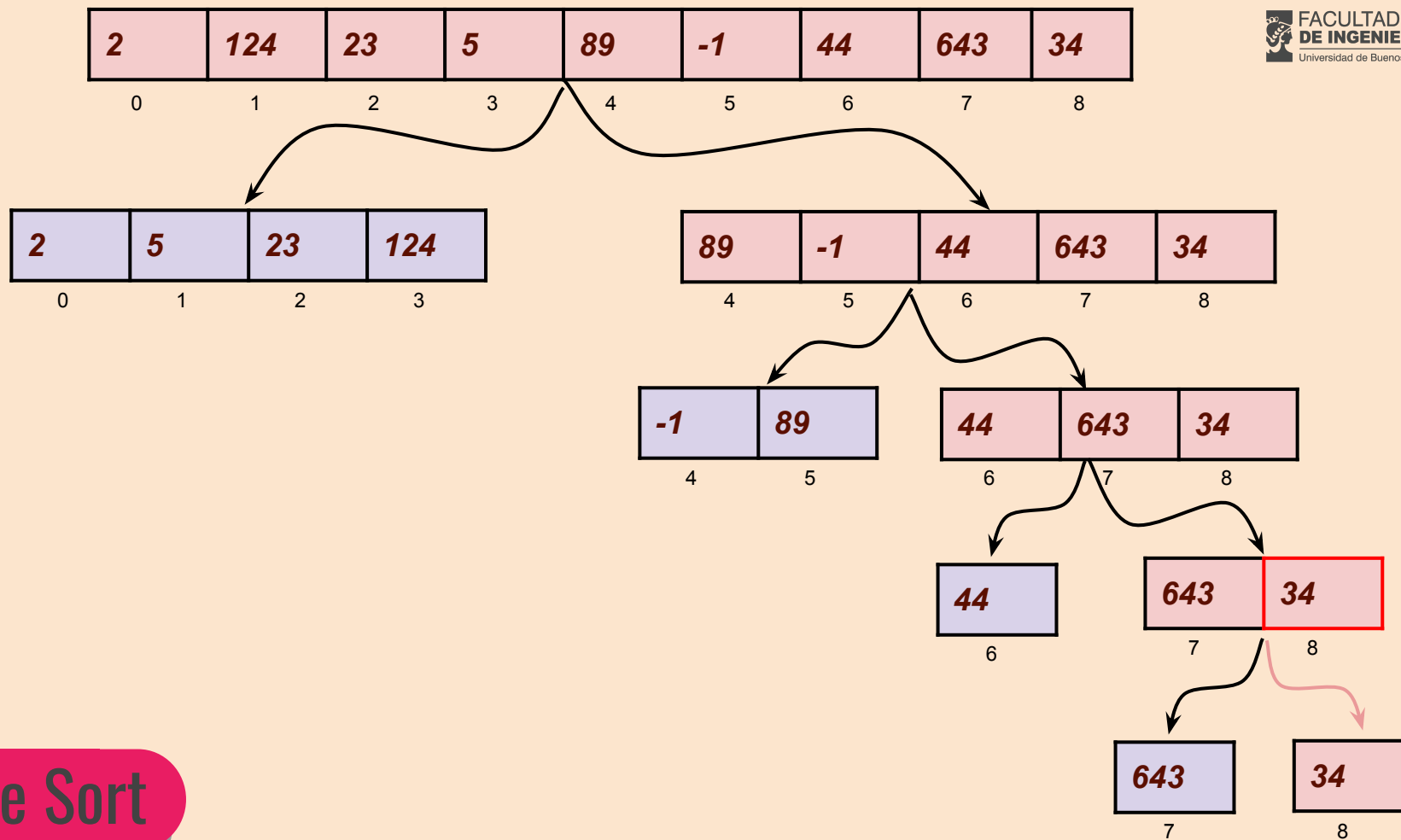
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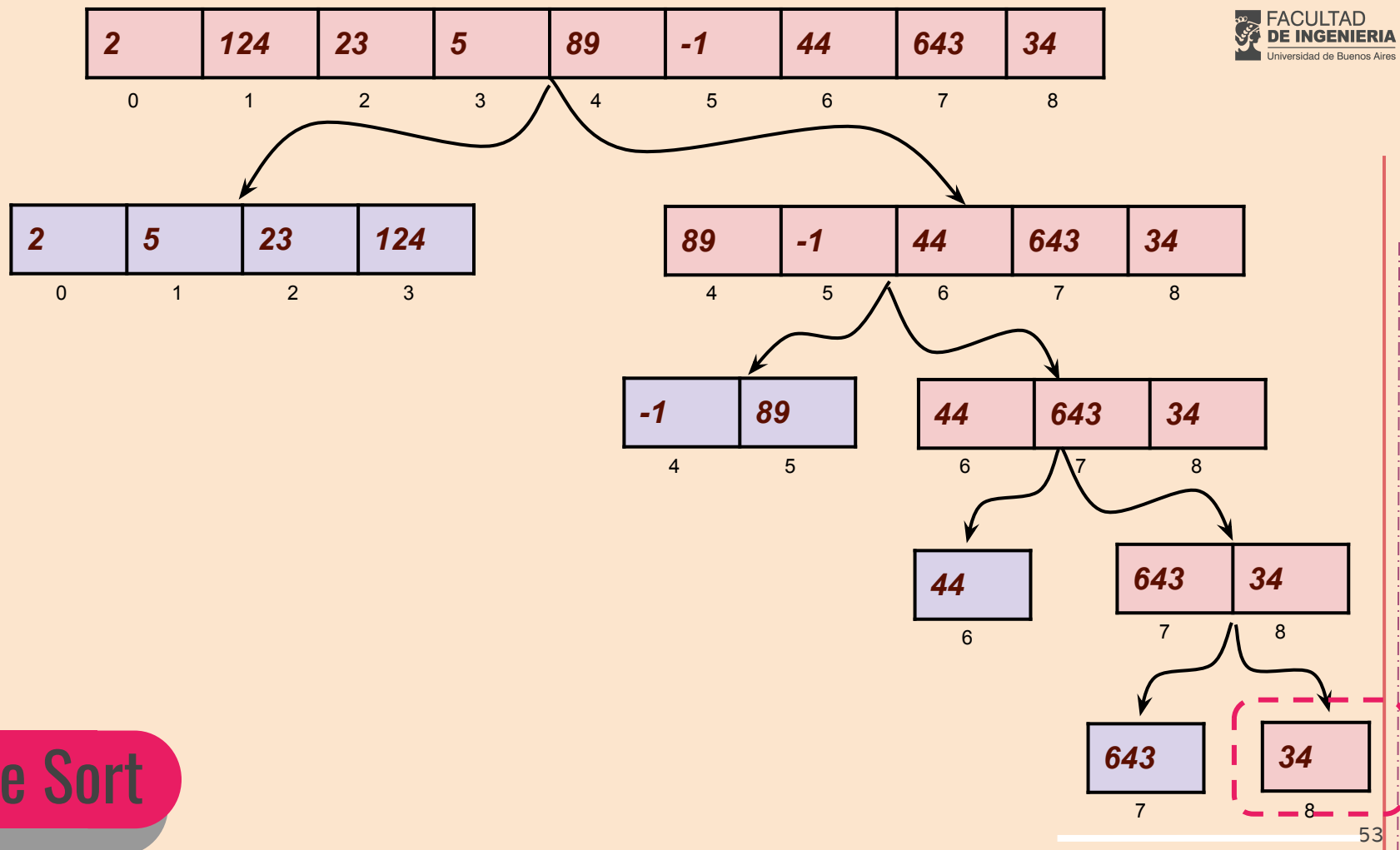
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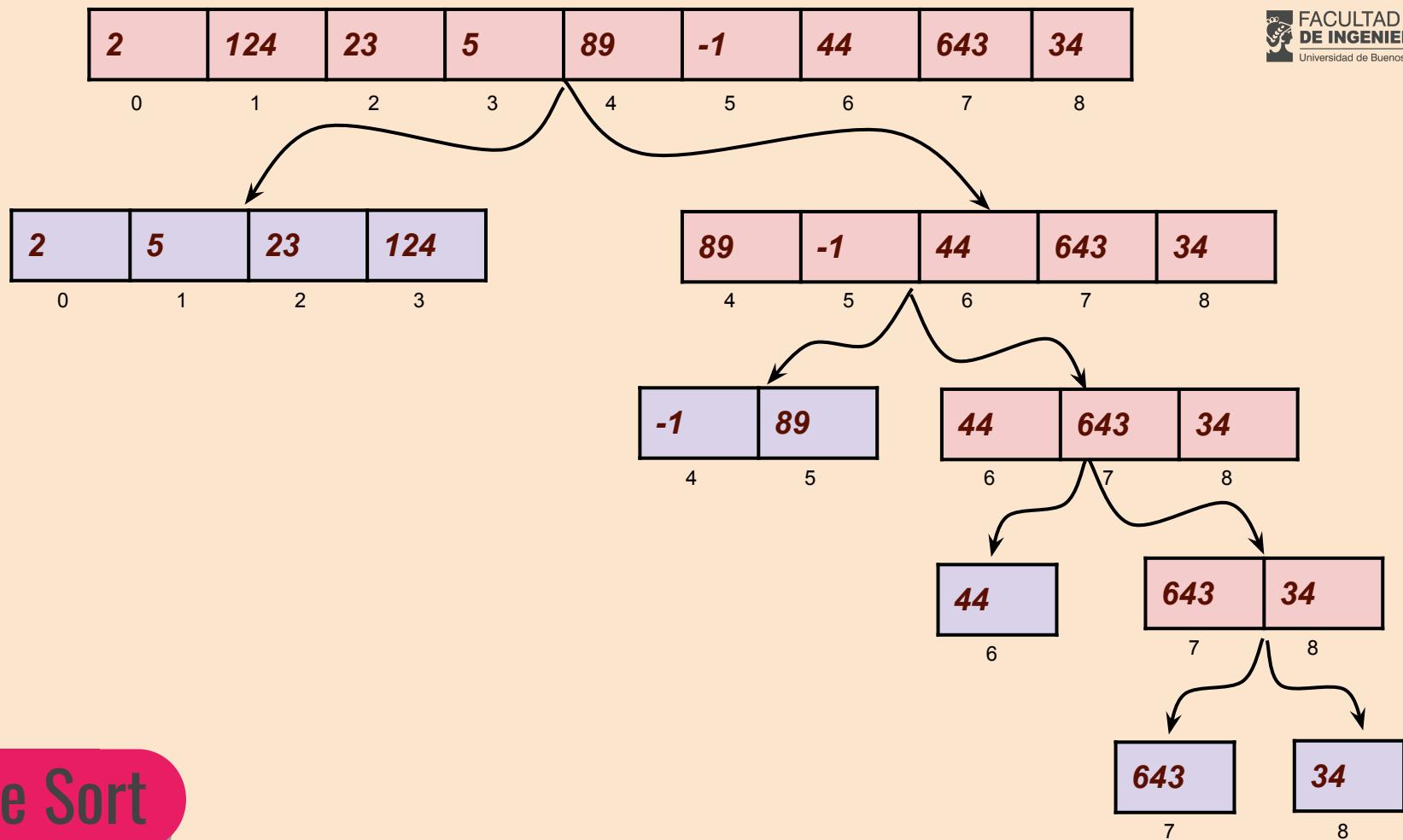
Merge Sort



Merge Sort

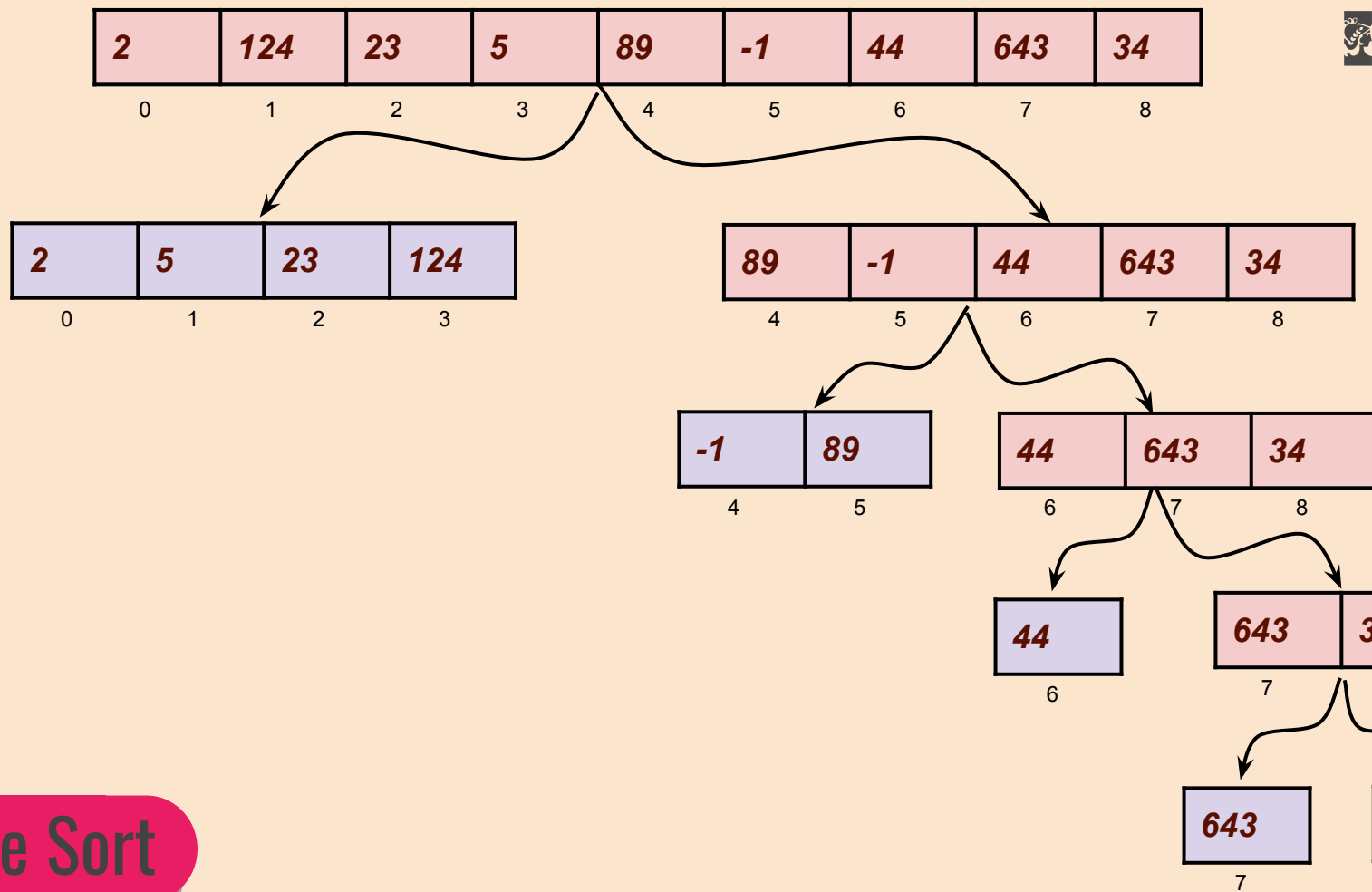


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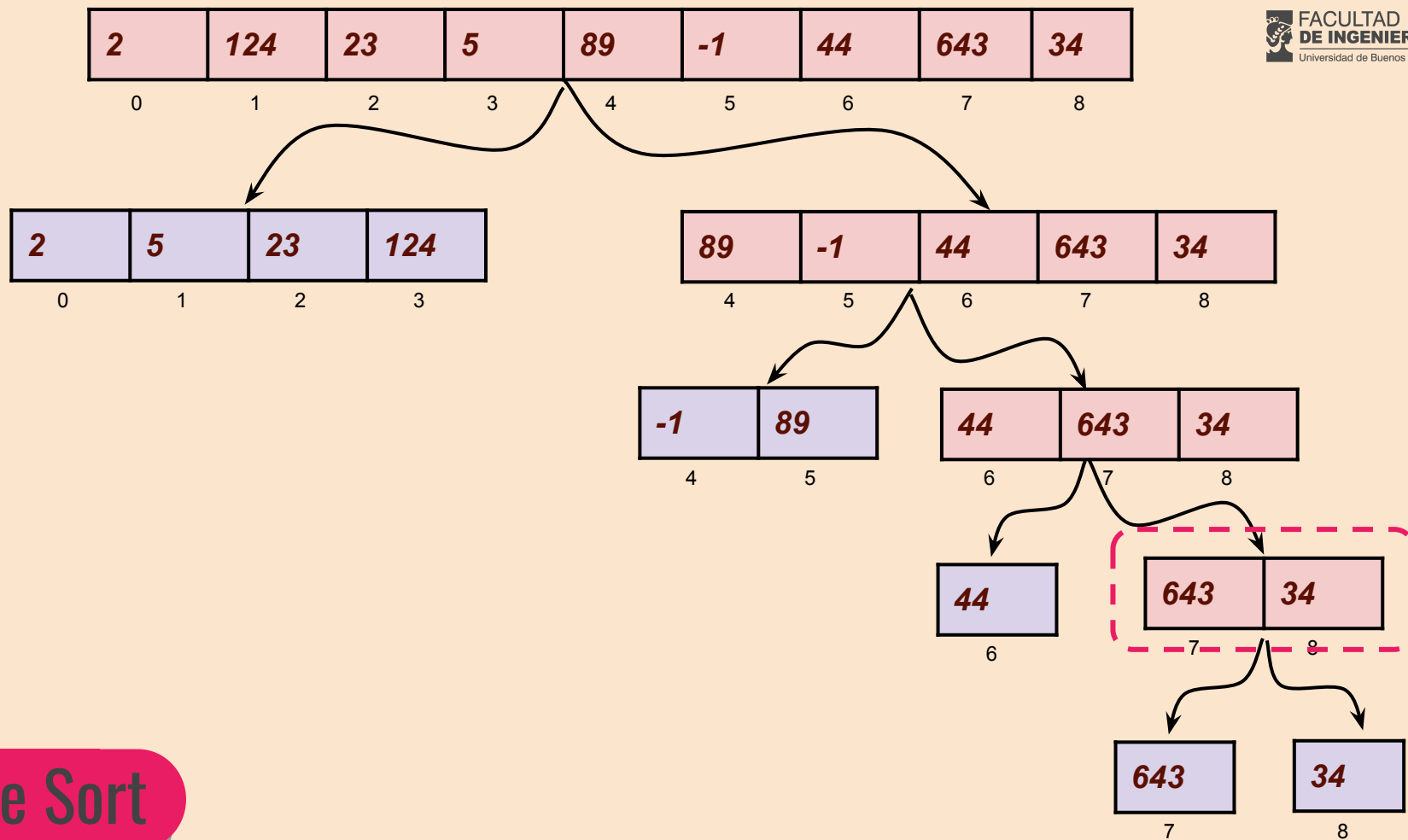


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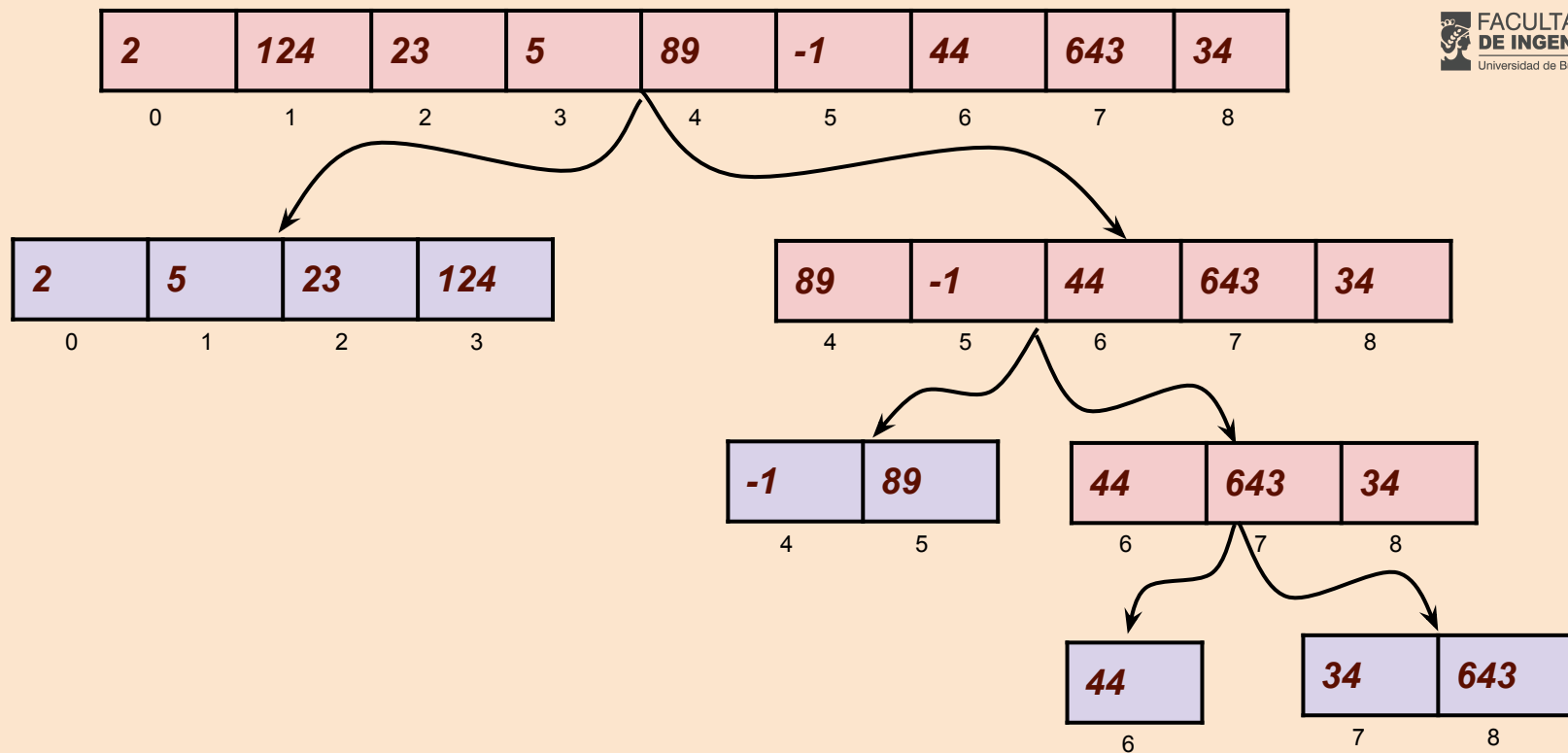




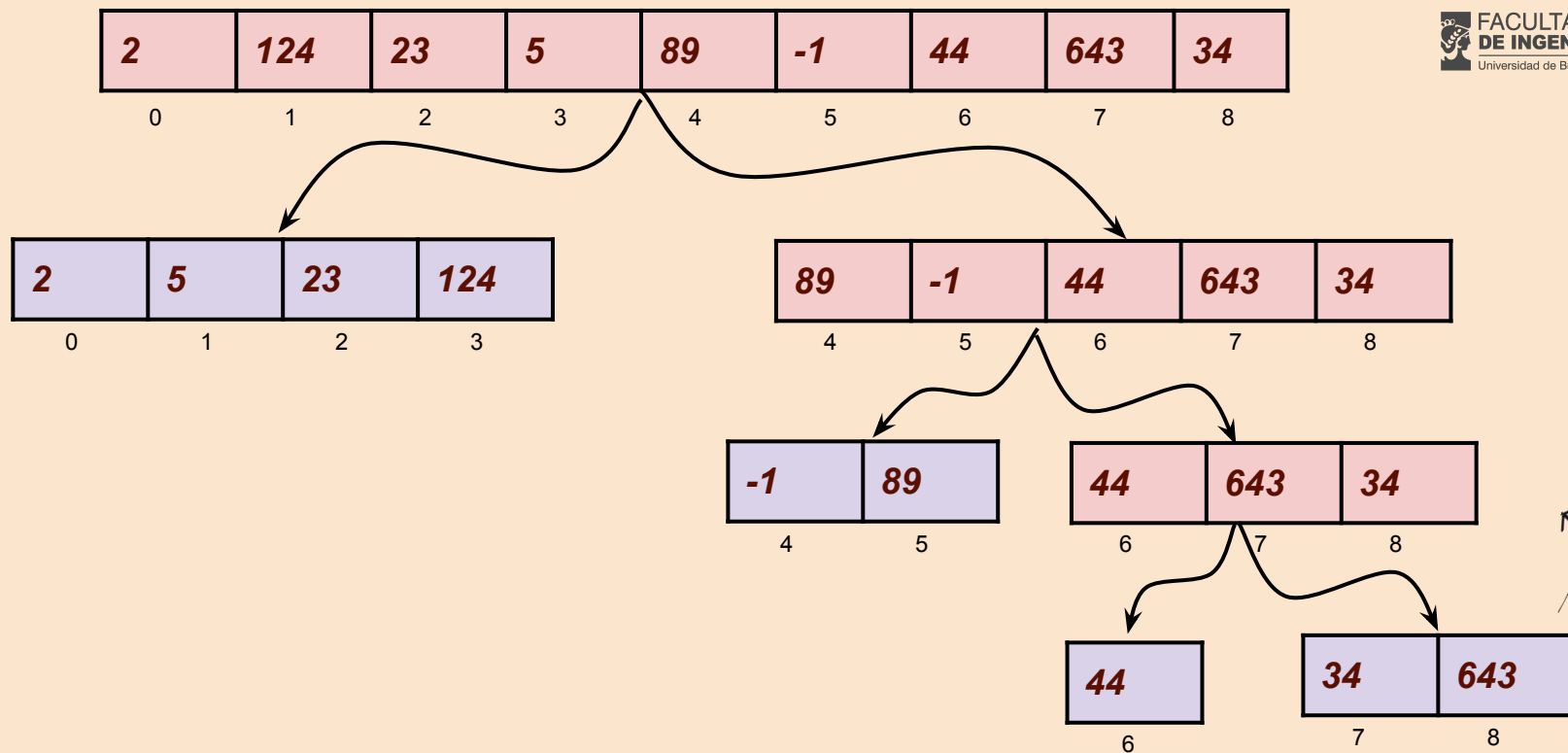
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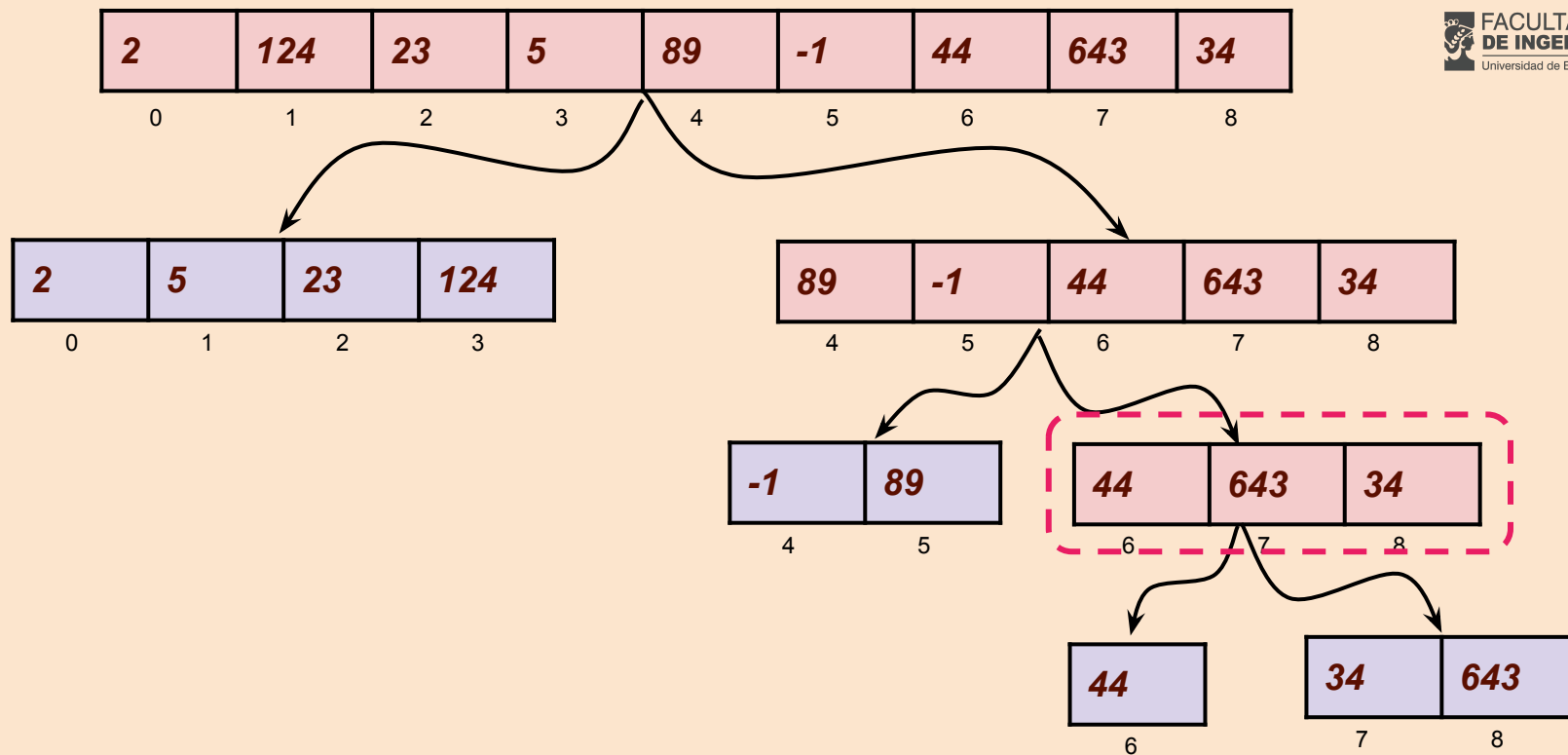
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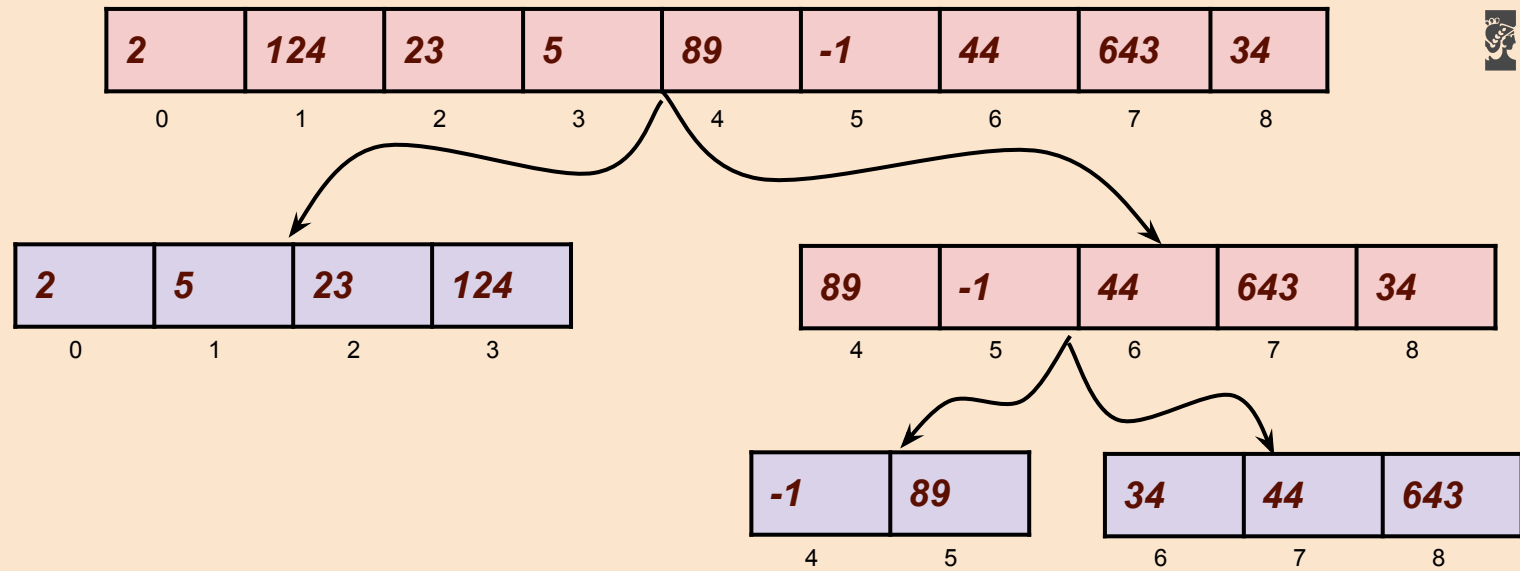
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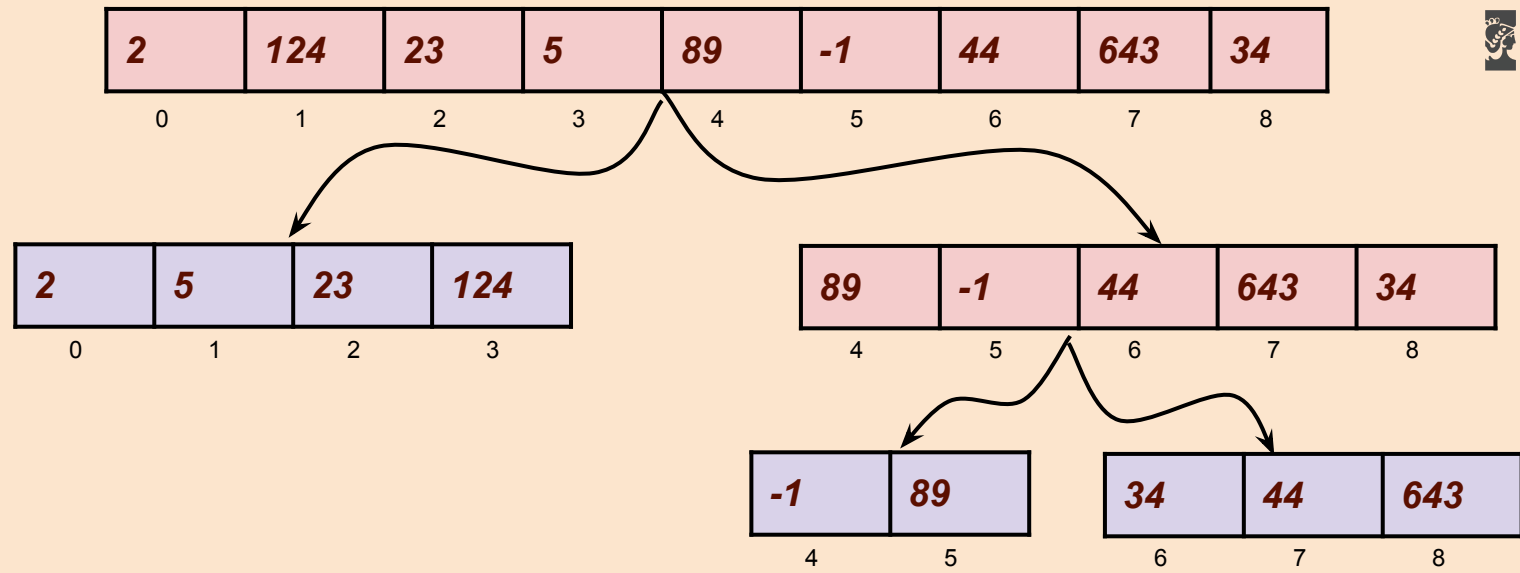
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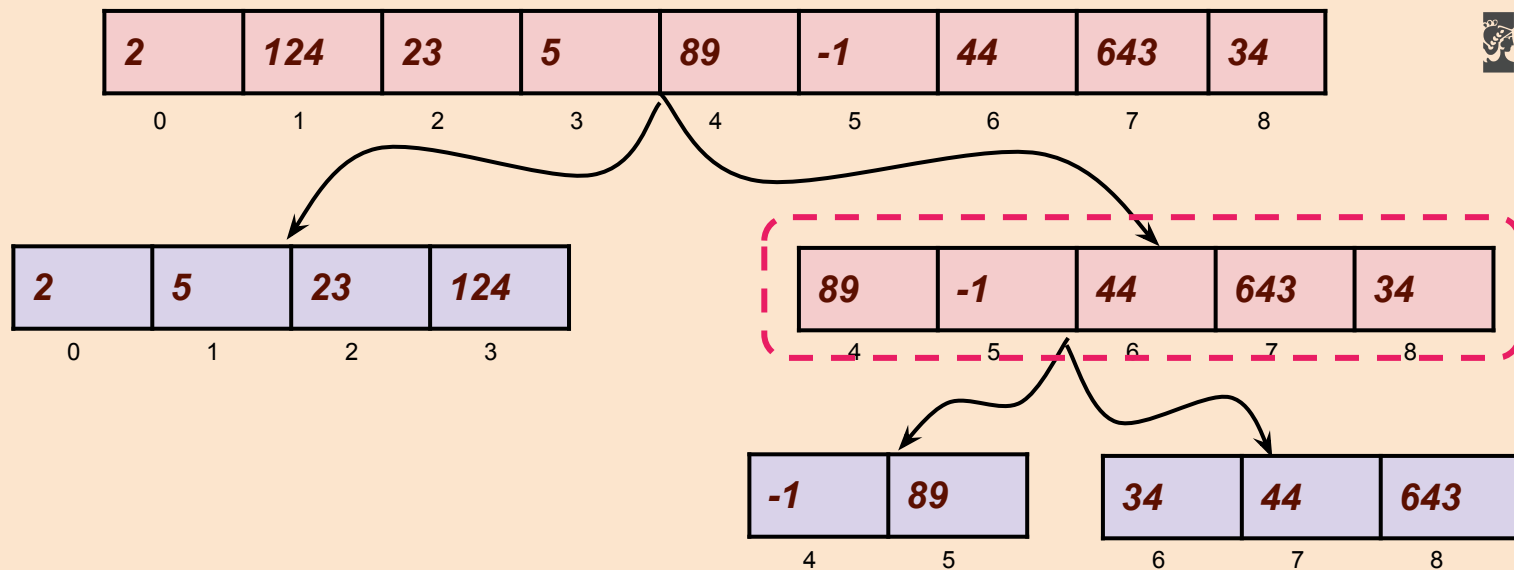
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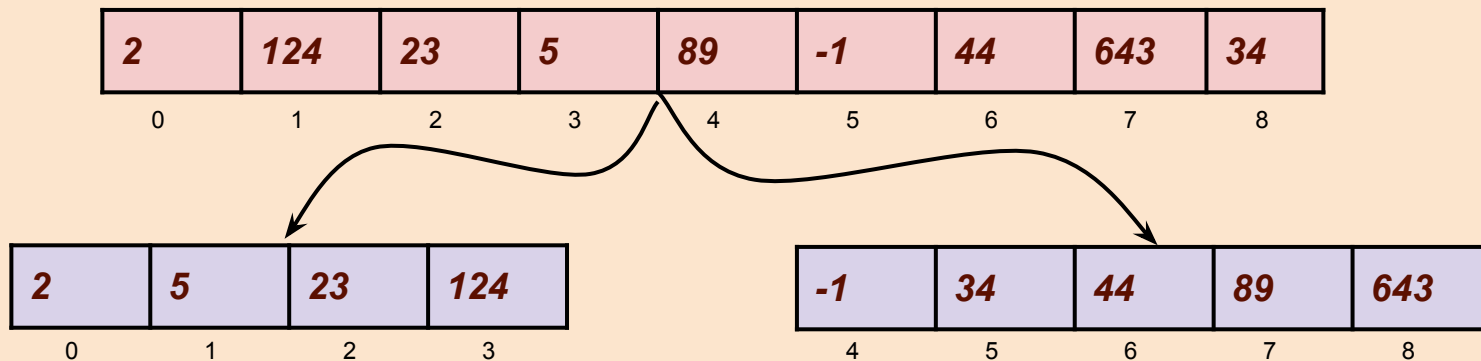
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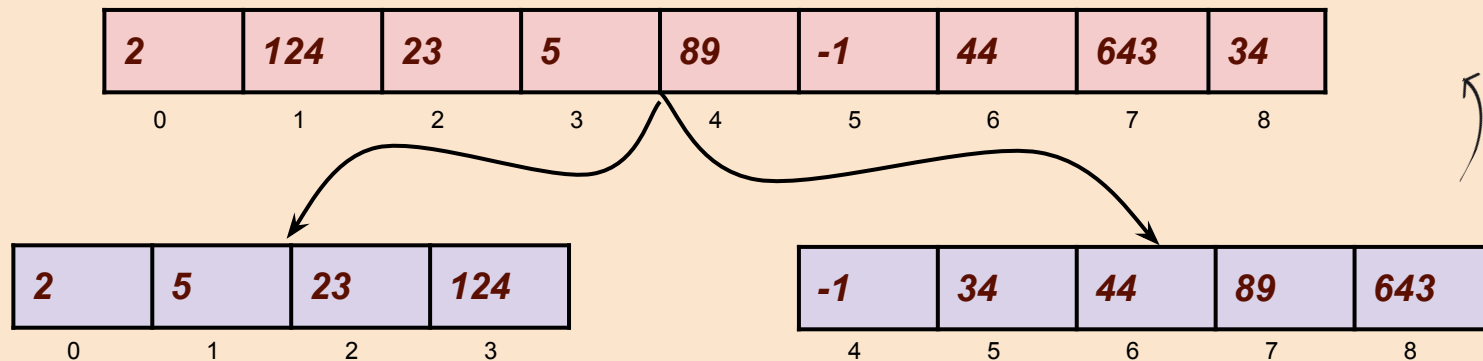
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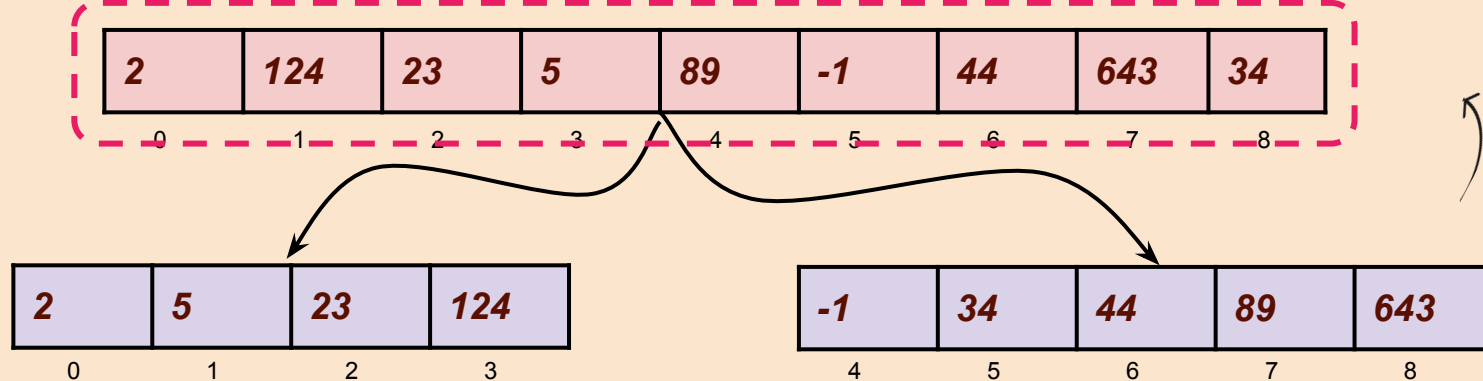
Merge Sort



Merge Sort



Merge Sort



Merge Sort

-1	2	5	23	34	44	89	124	643
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0

1

2

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4

5

6

7

8



Merge Sort

¿Preguntas?

Fin