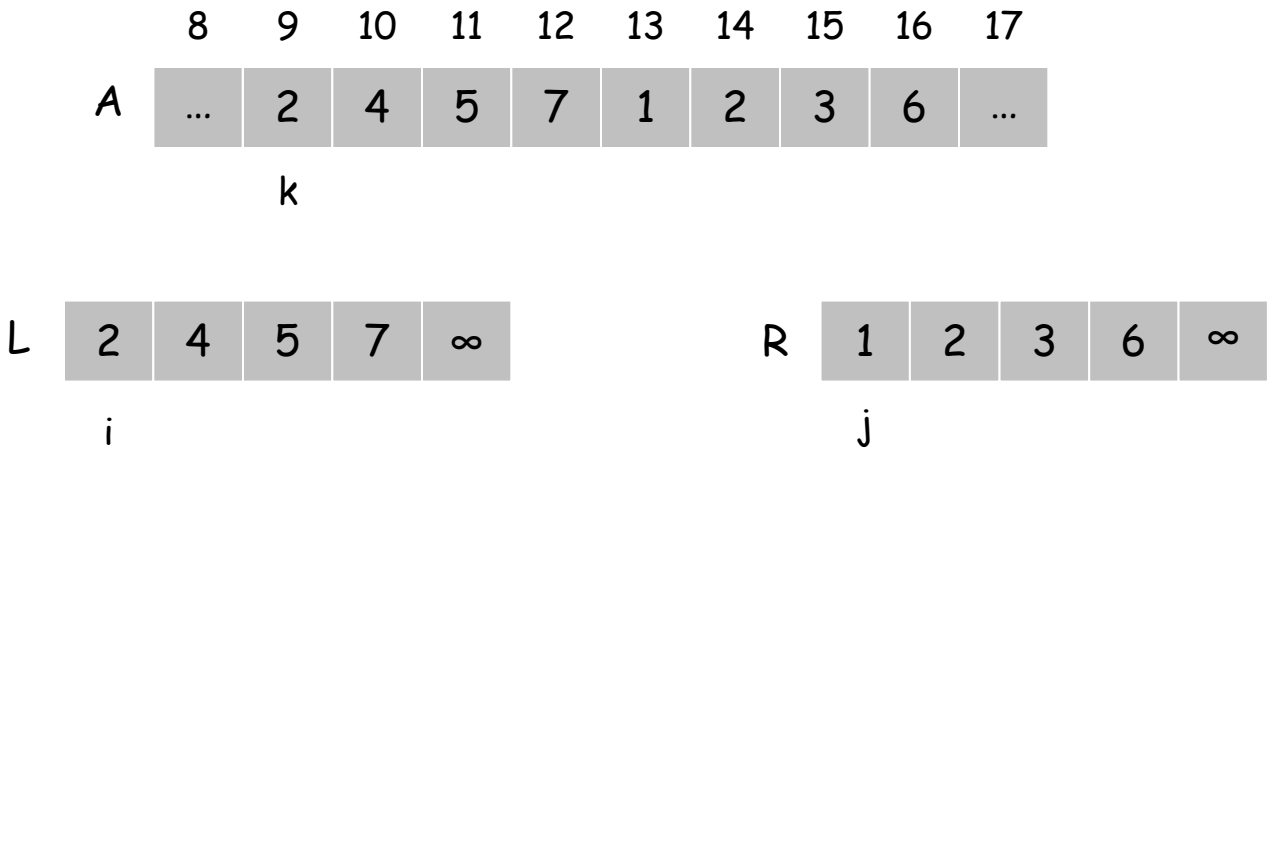
Merging: Example



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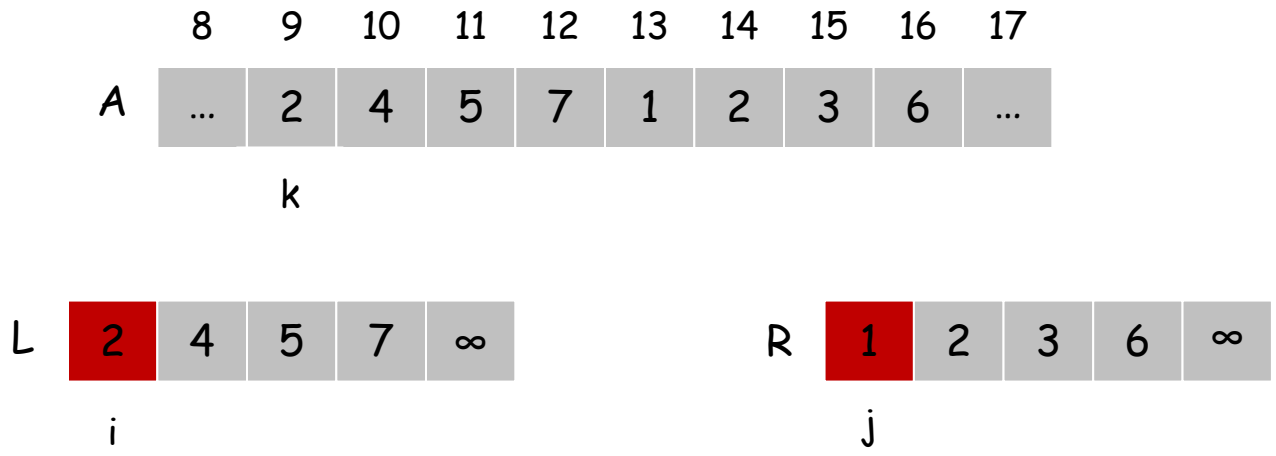

Subarray in A is split into two smaller (half-size) subarrays, L and R.

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Head of respective L/R from which item as taken is then moved one position to the right and process is repeated until both L and R are empty

Red boxes will be heads of lists. Blue boxes will be final items in A.

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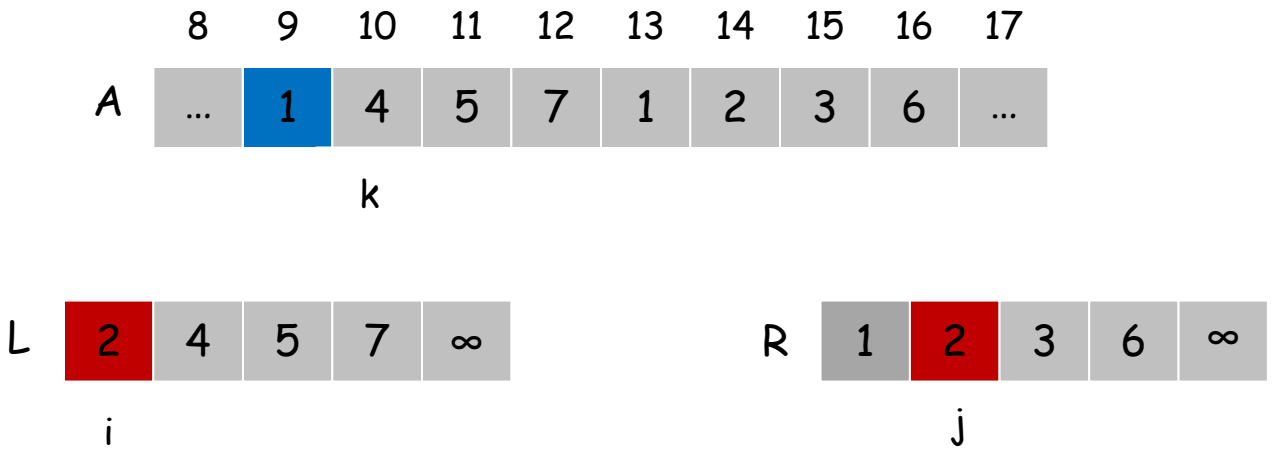

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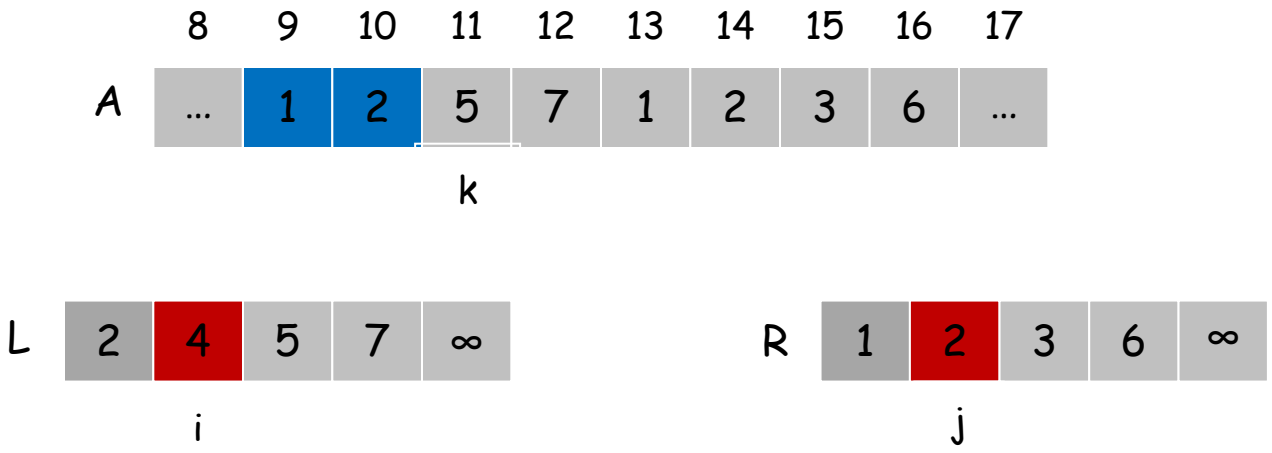

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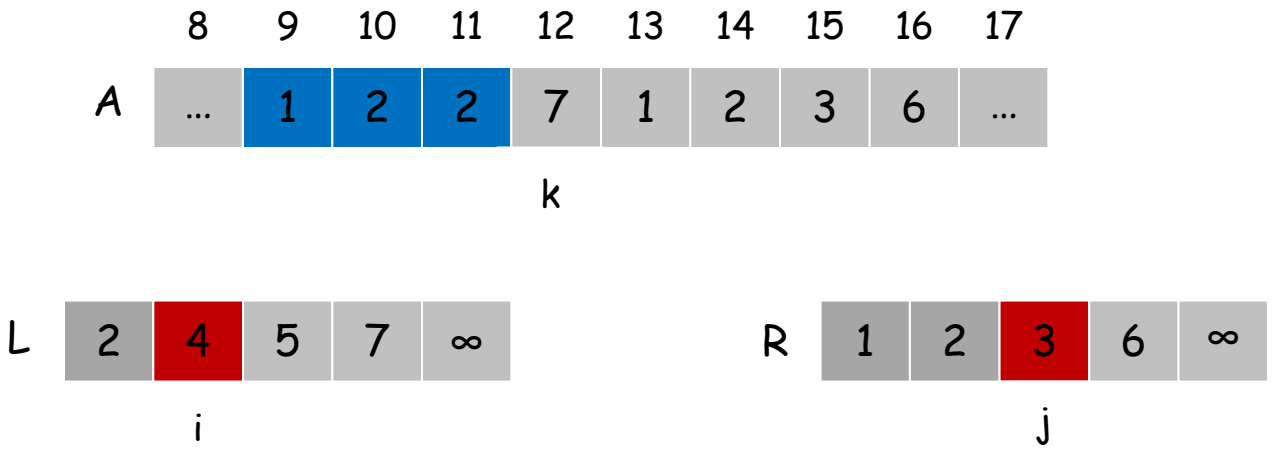

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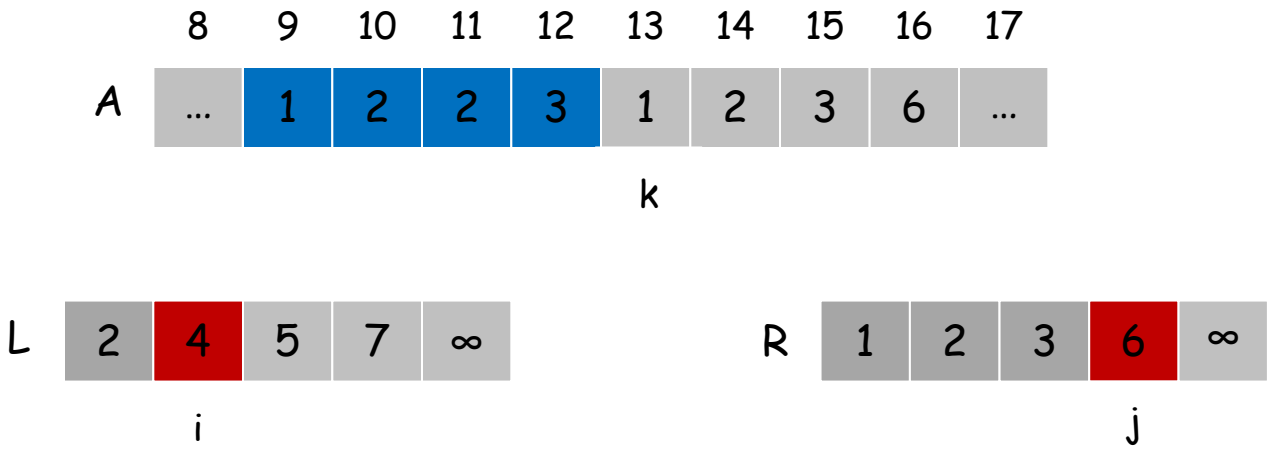

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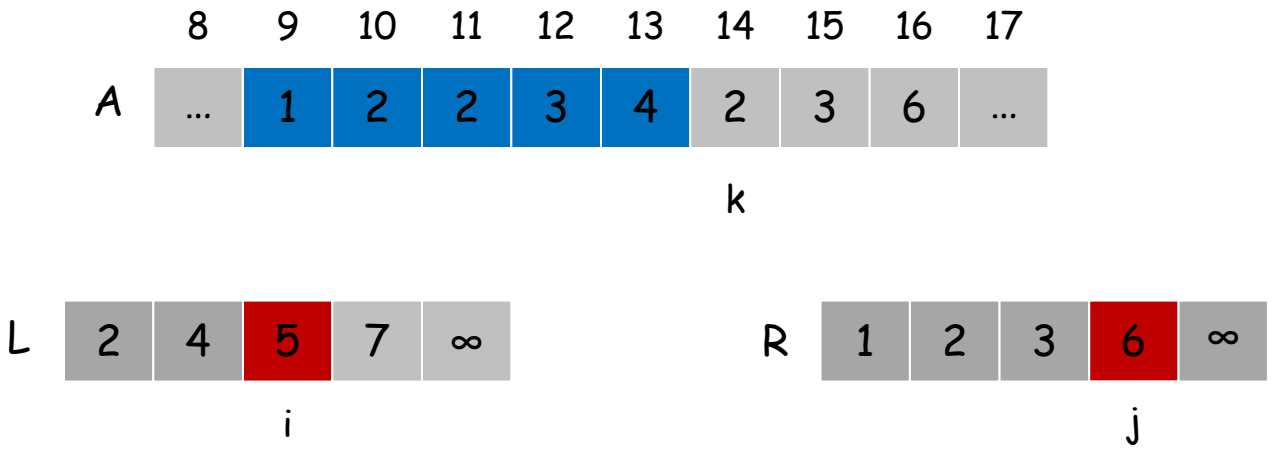

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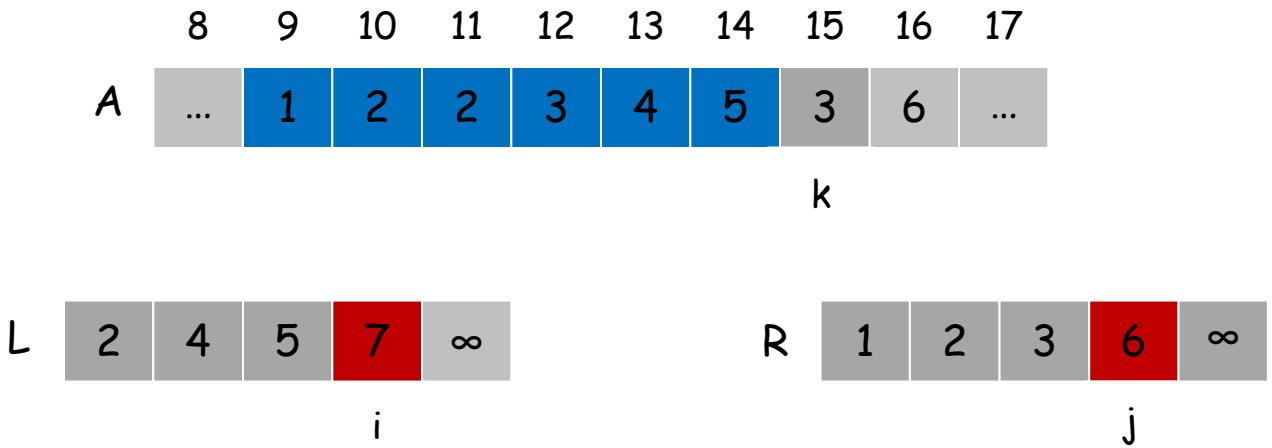

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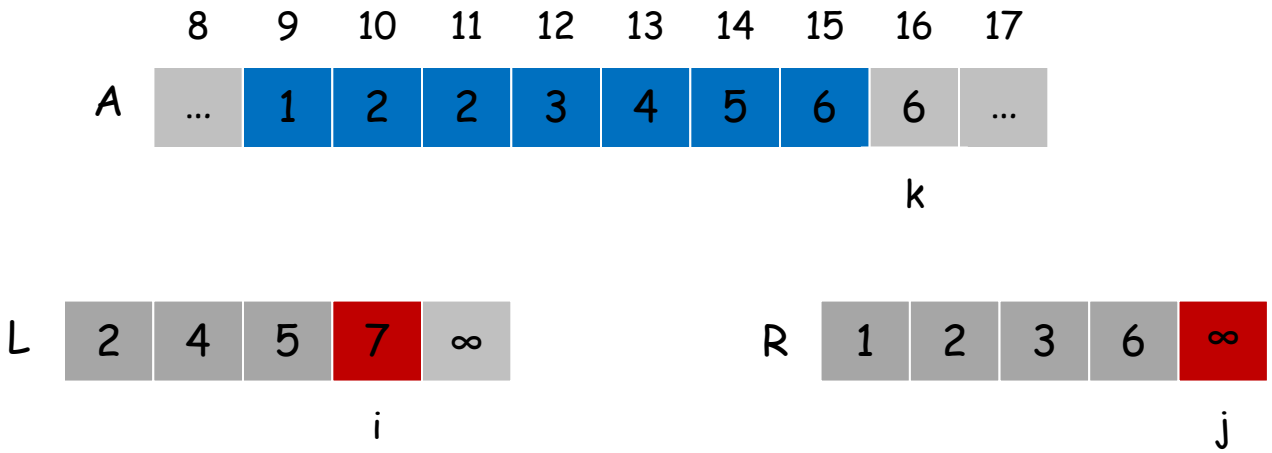

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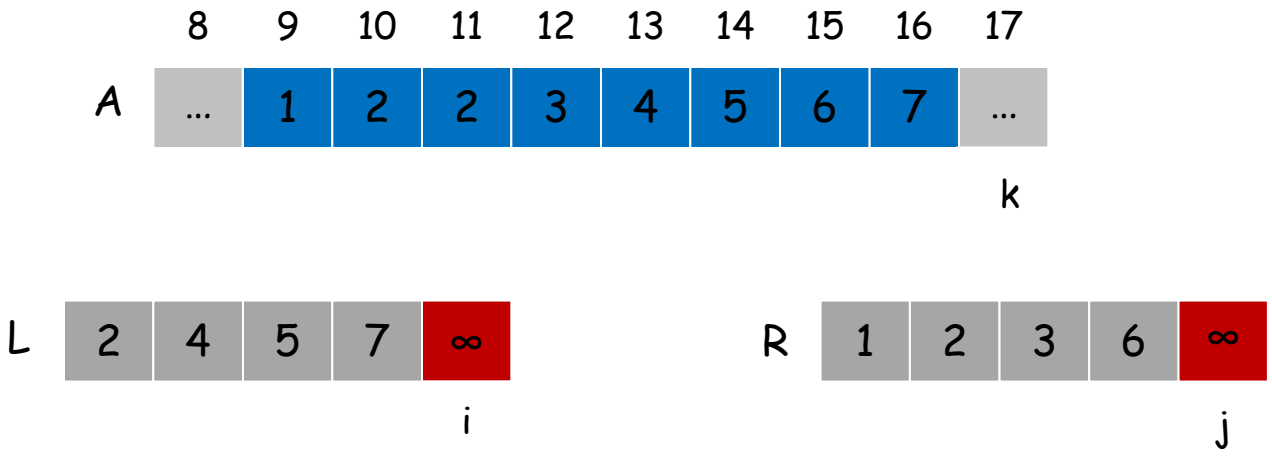

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