

Divide and conquer
splits each array
into left and right
subarrays.

Sorts Left

Sorts Right

Merges results

Mergesort: Example

Version of 08/02/17

1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---

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Sorts Left

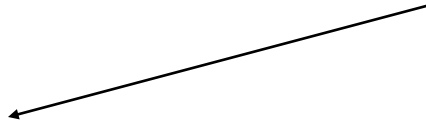
Sorts Right

Merges results

Mergesort: Example

1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---

1	2	3	4	5
---	---	---	---	---



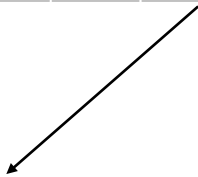
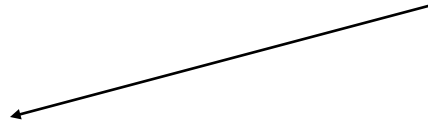
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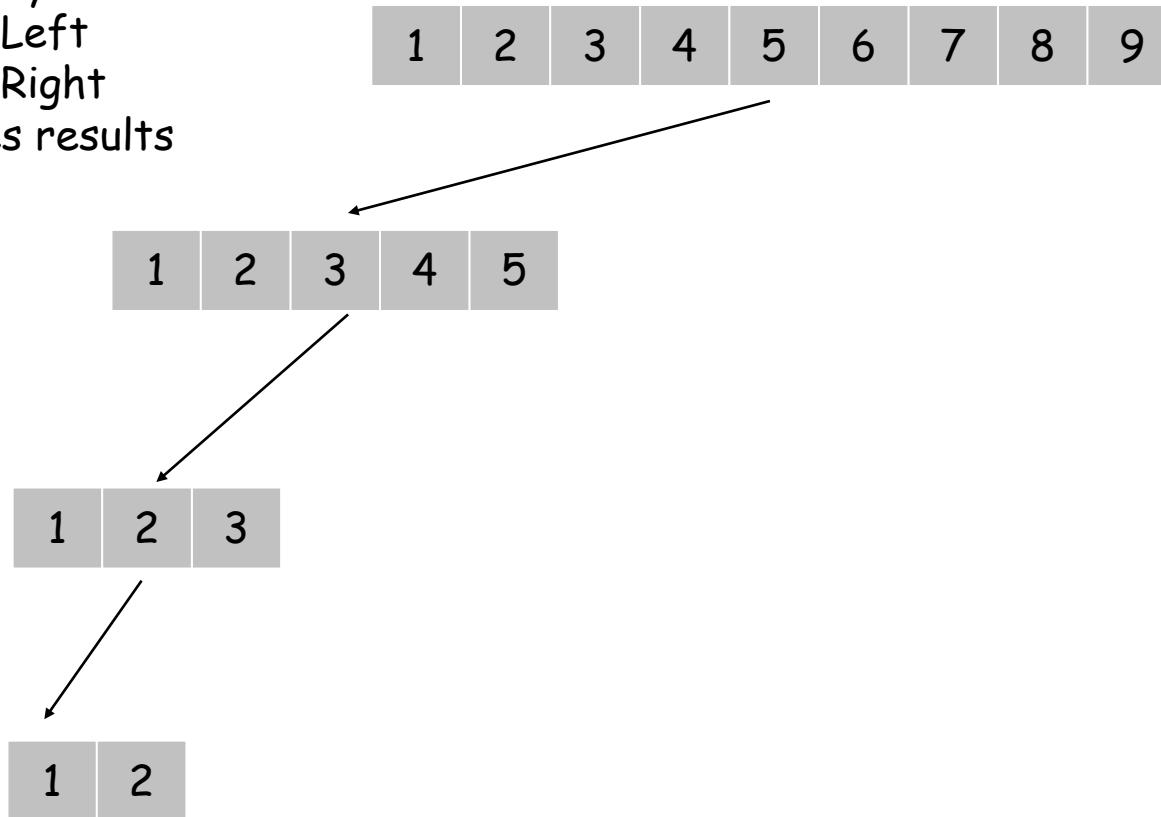
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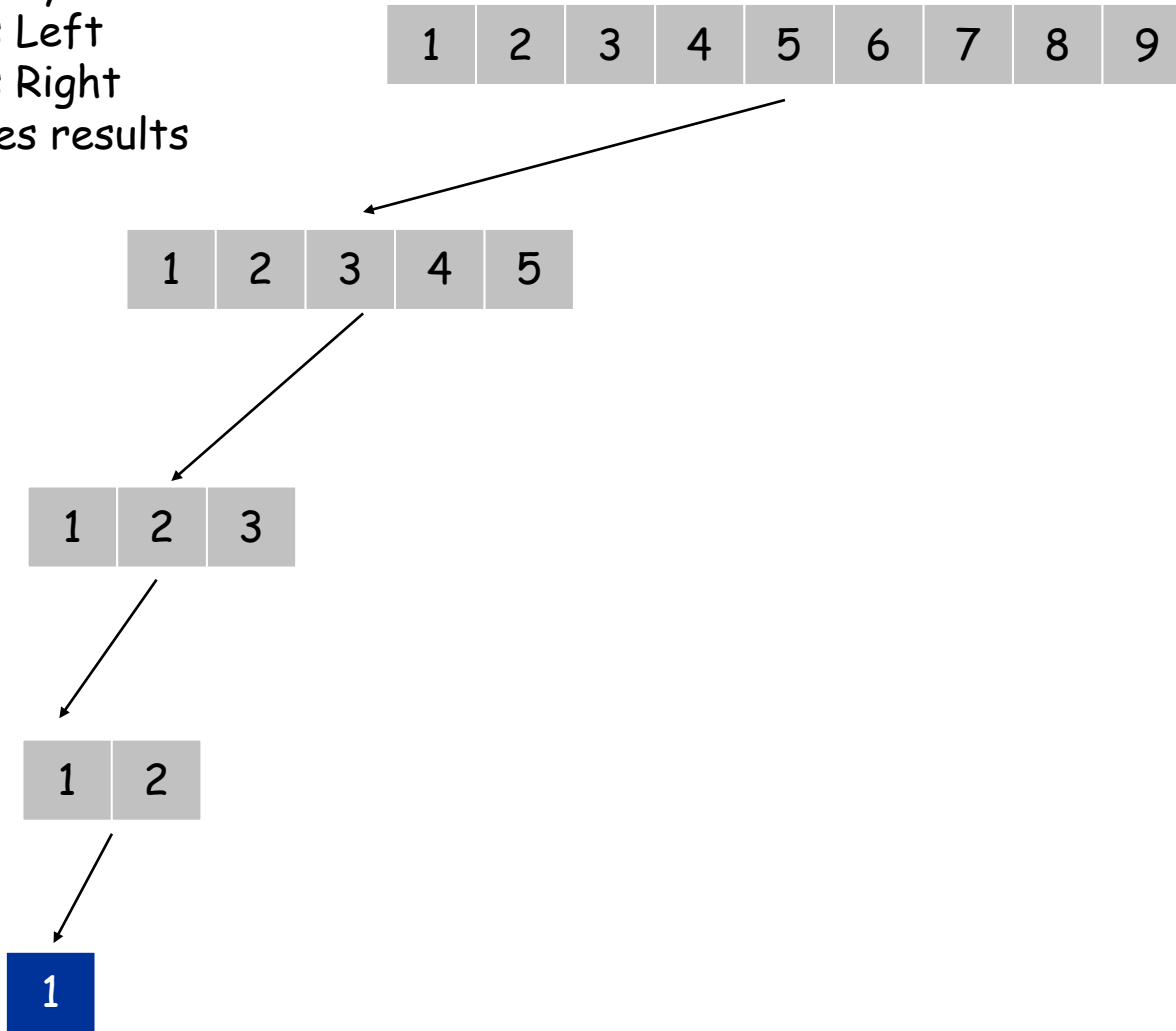
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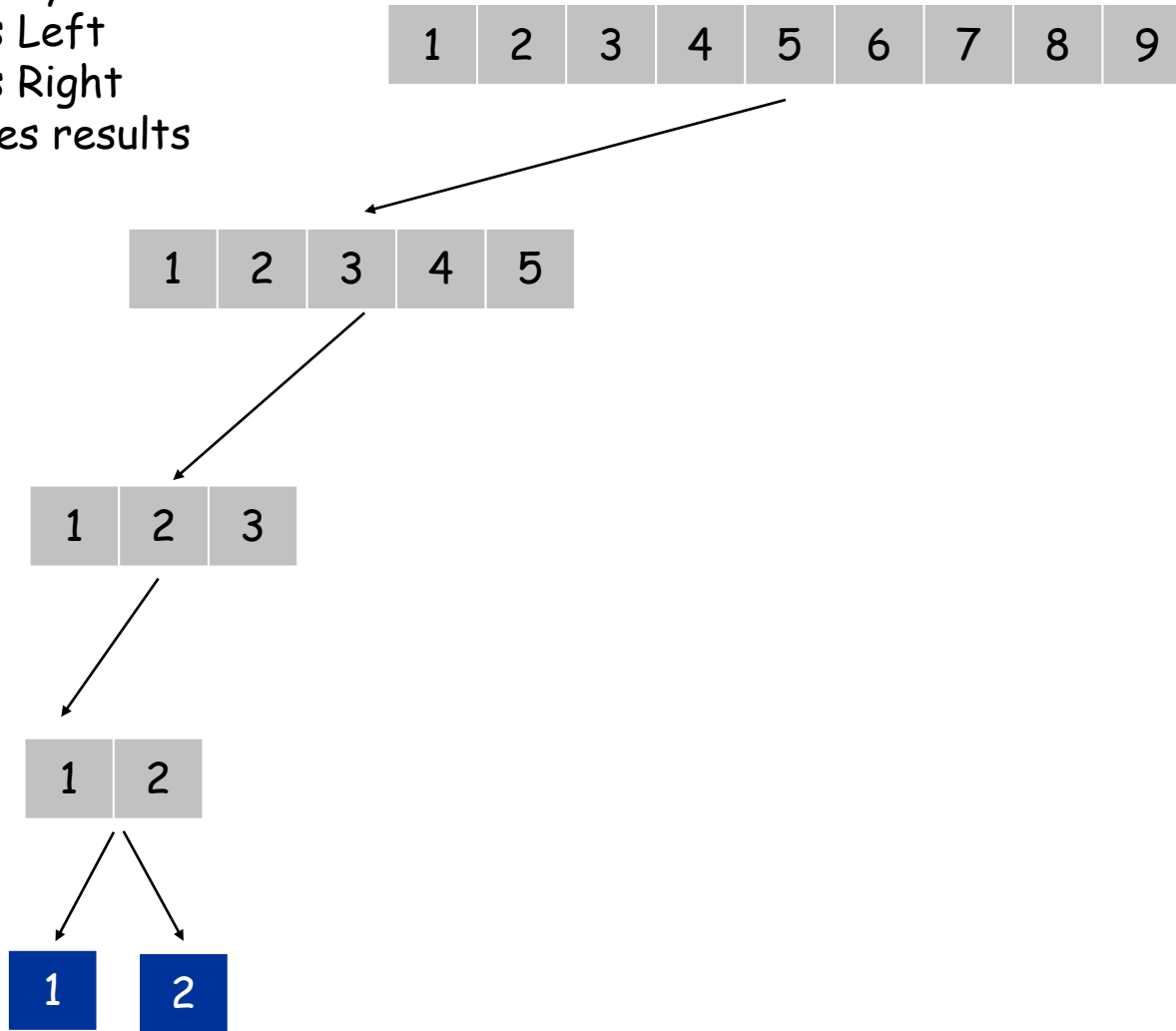
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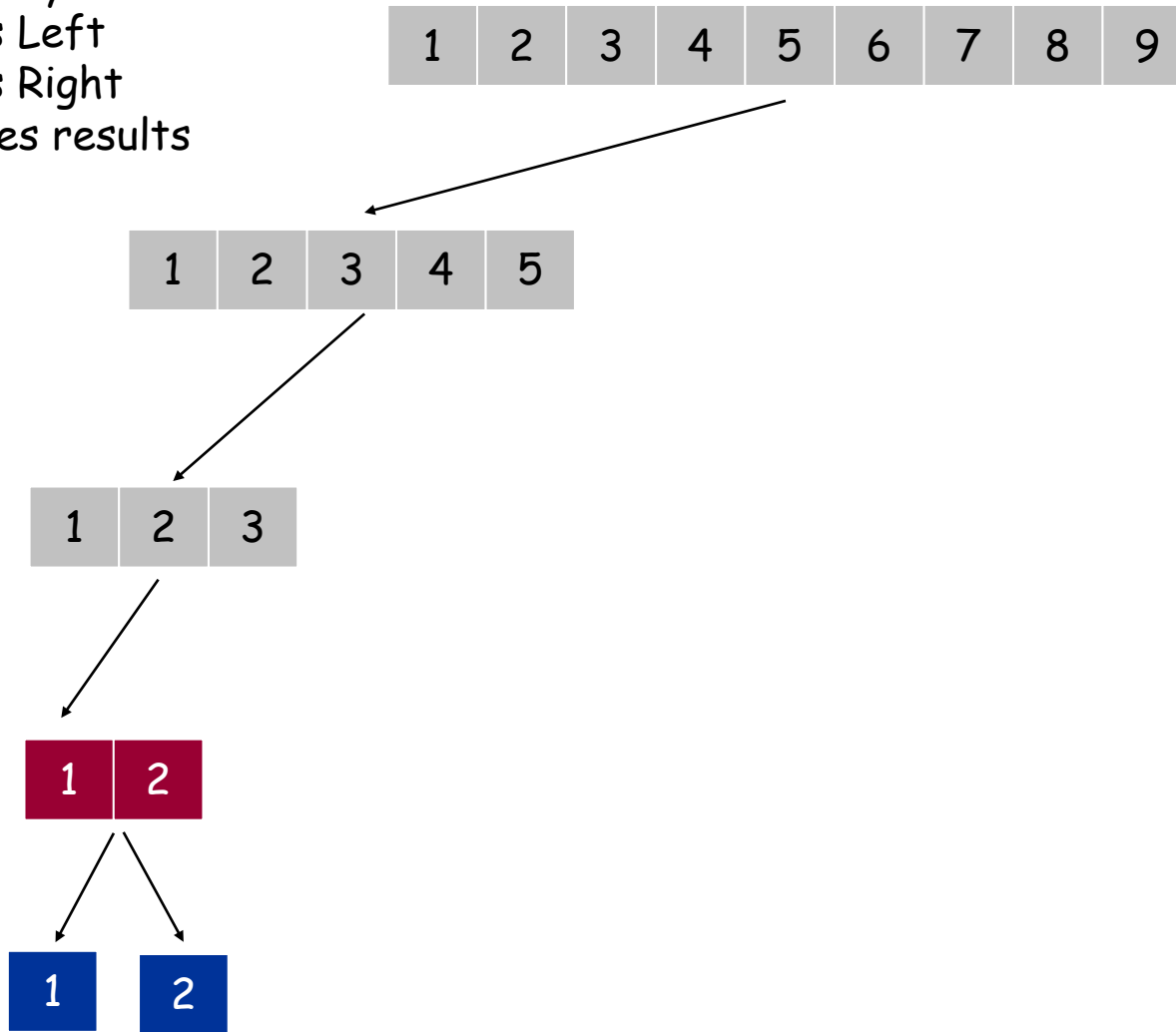
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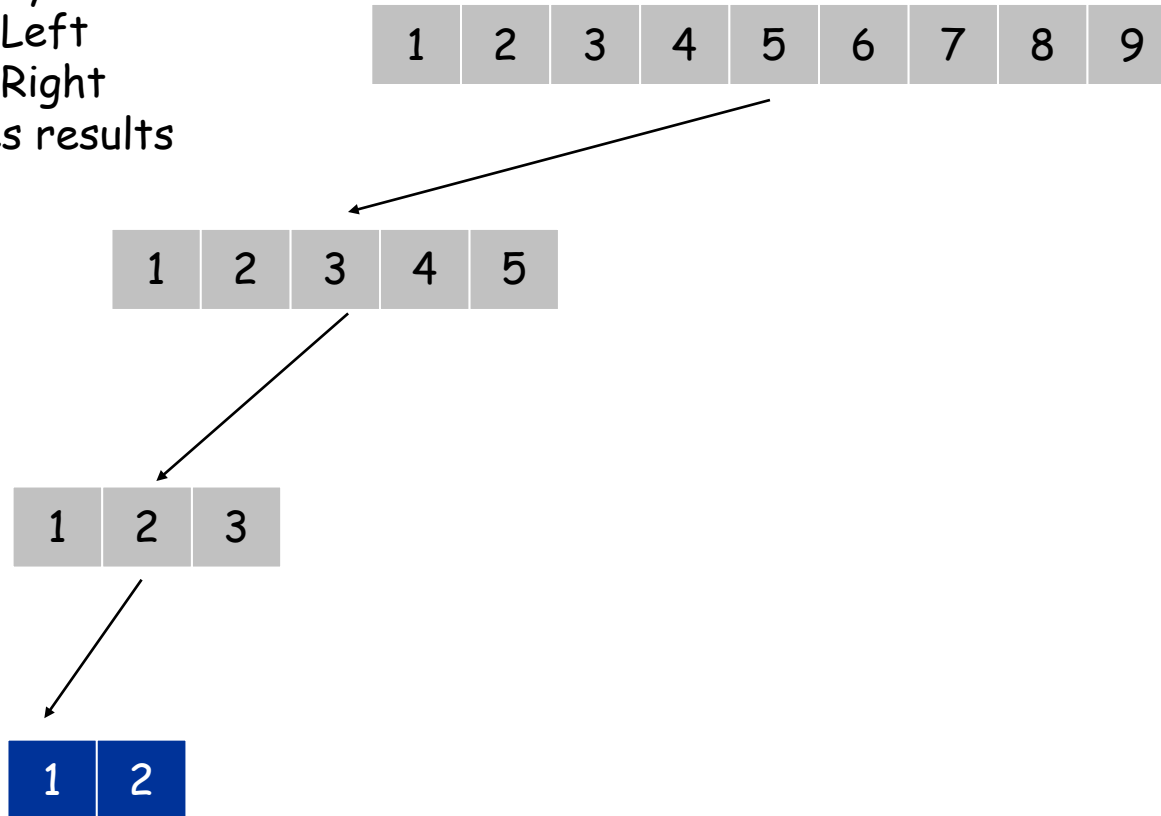
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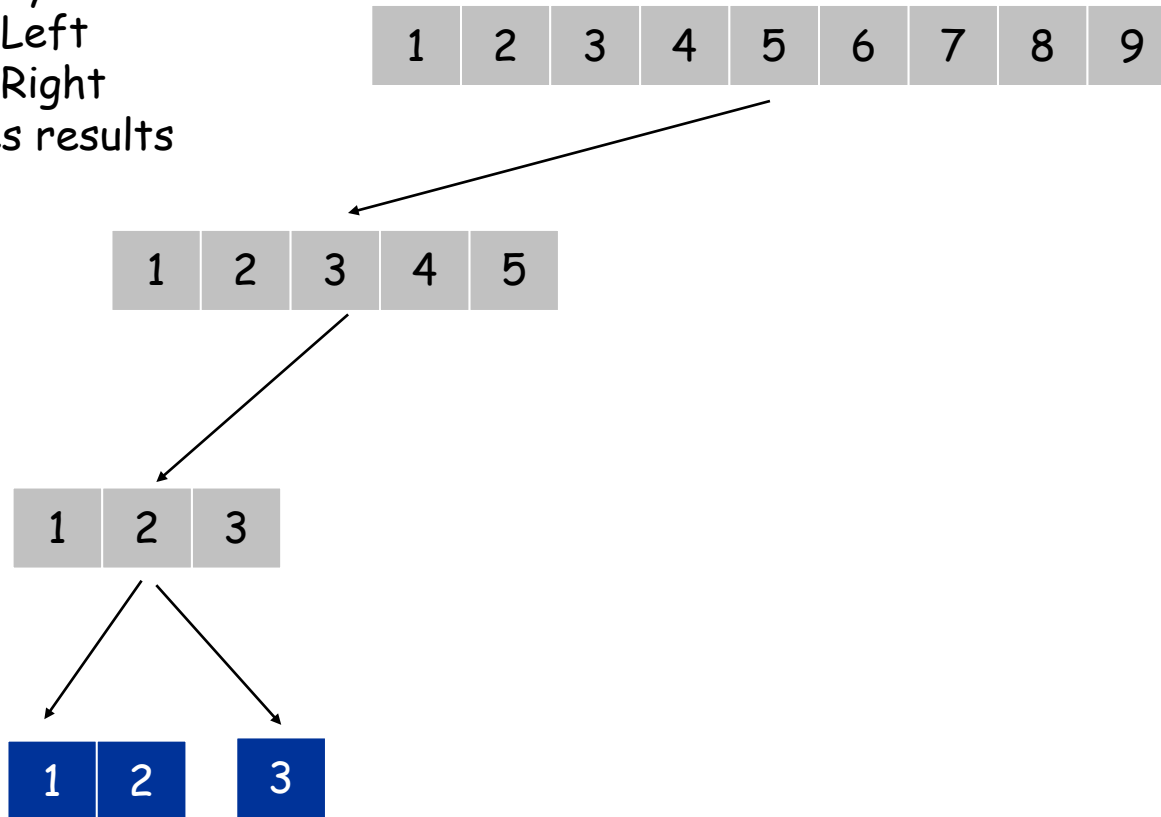
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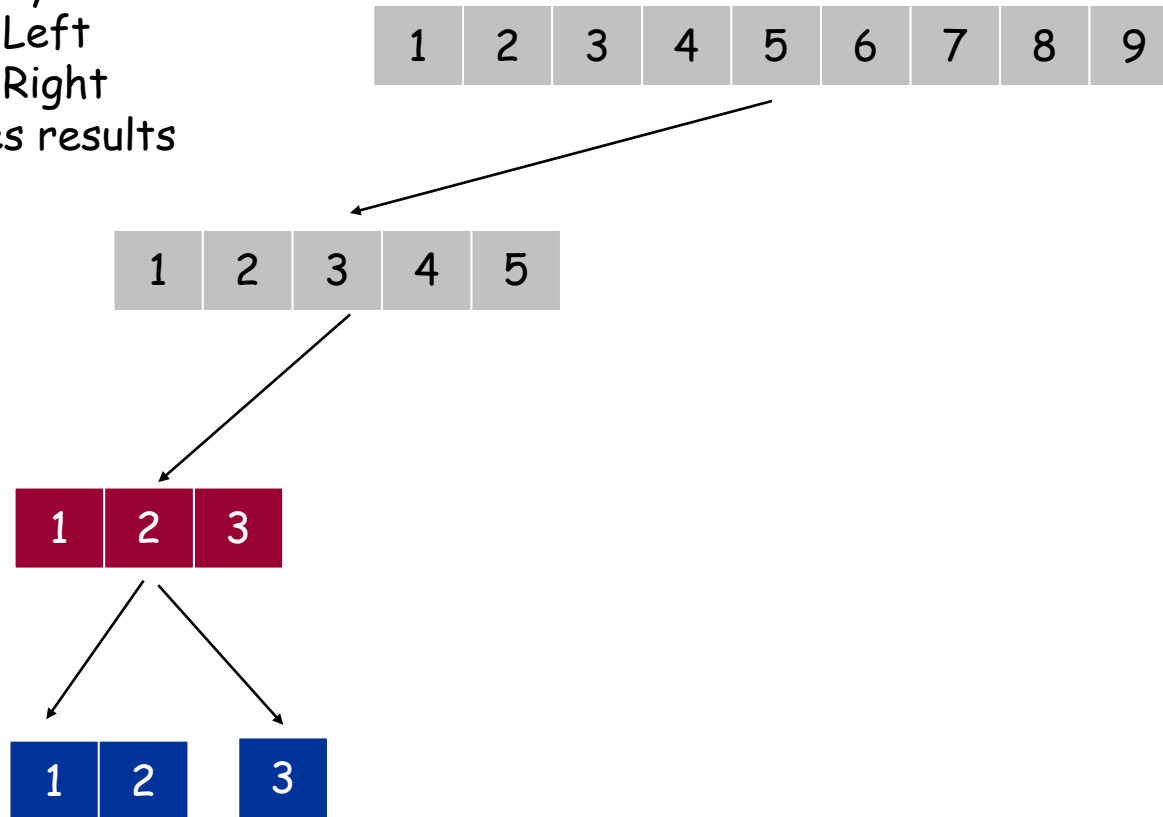
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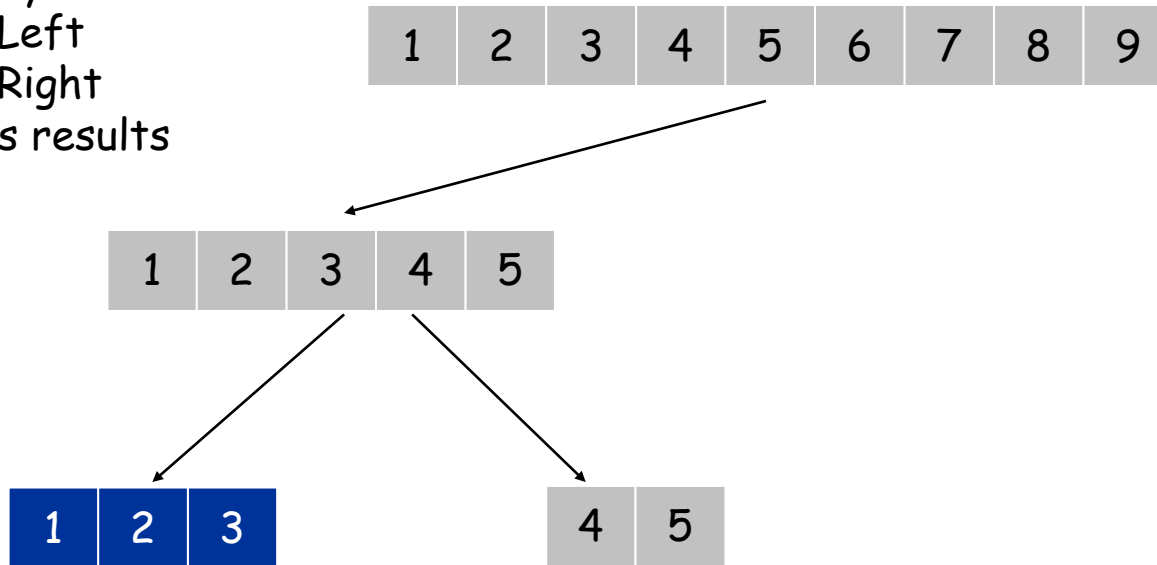
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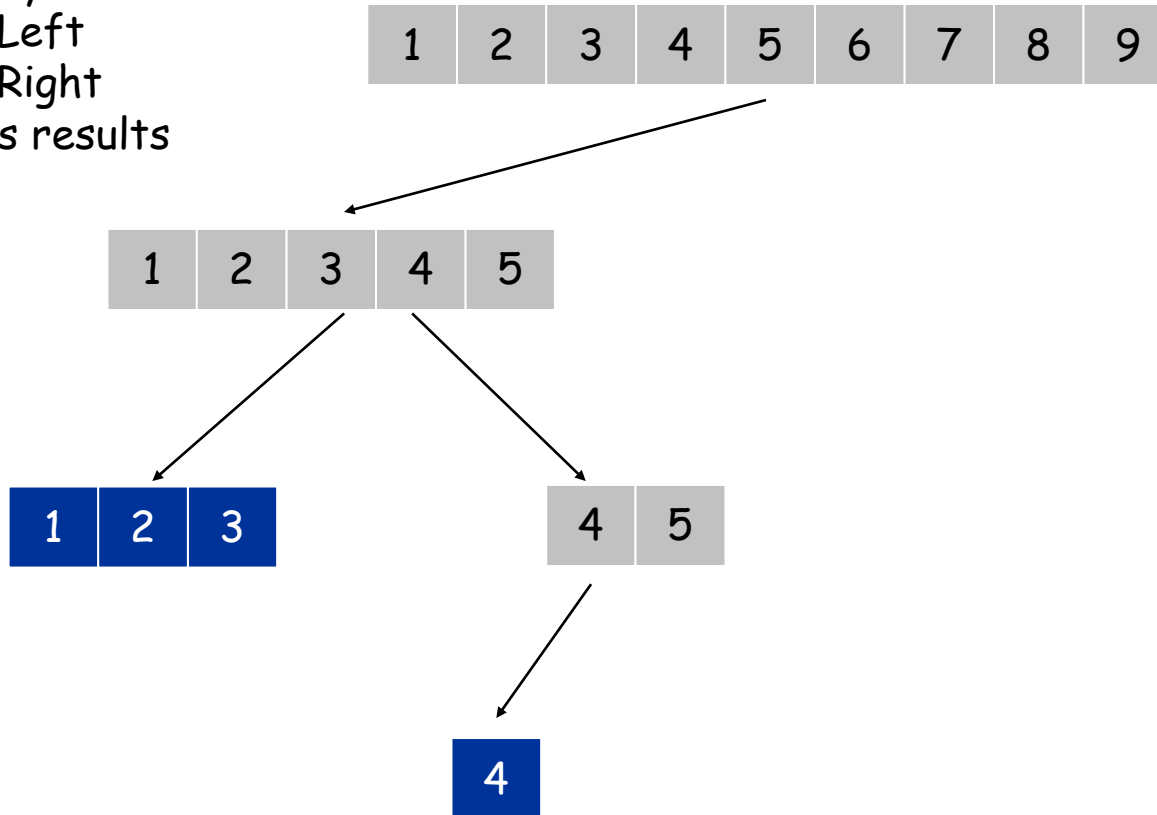
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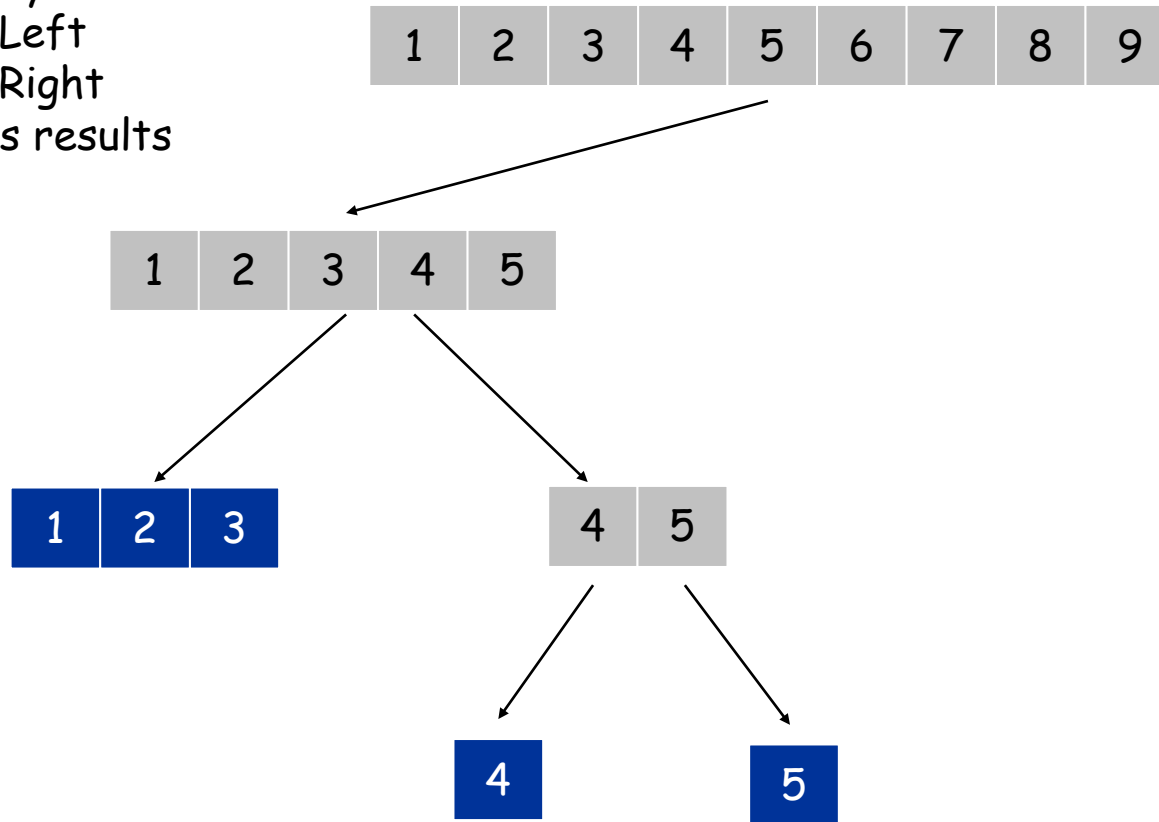
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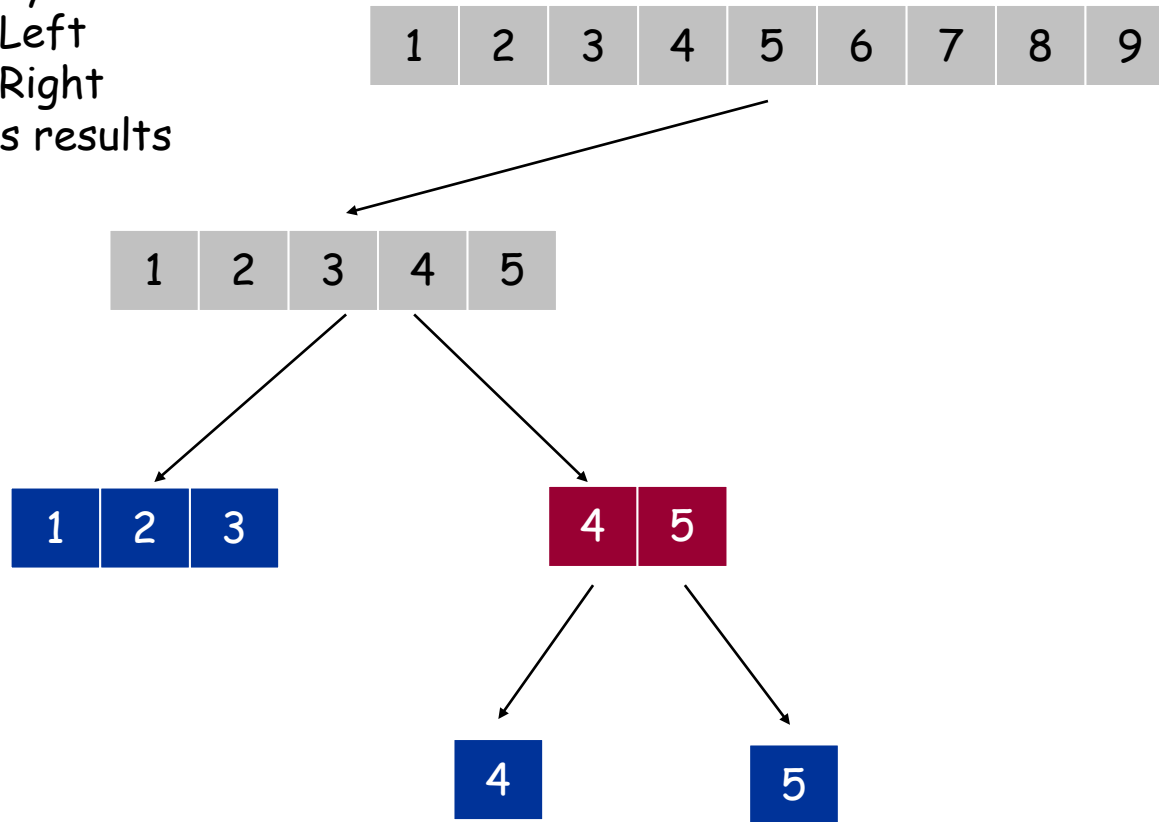
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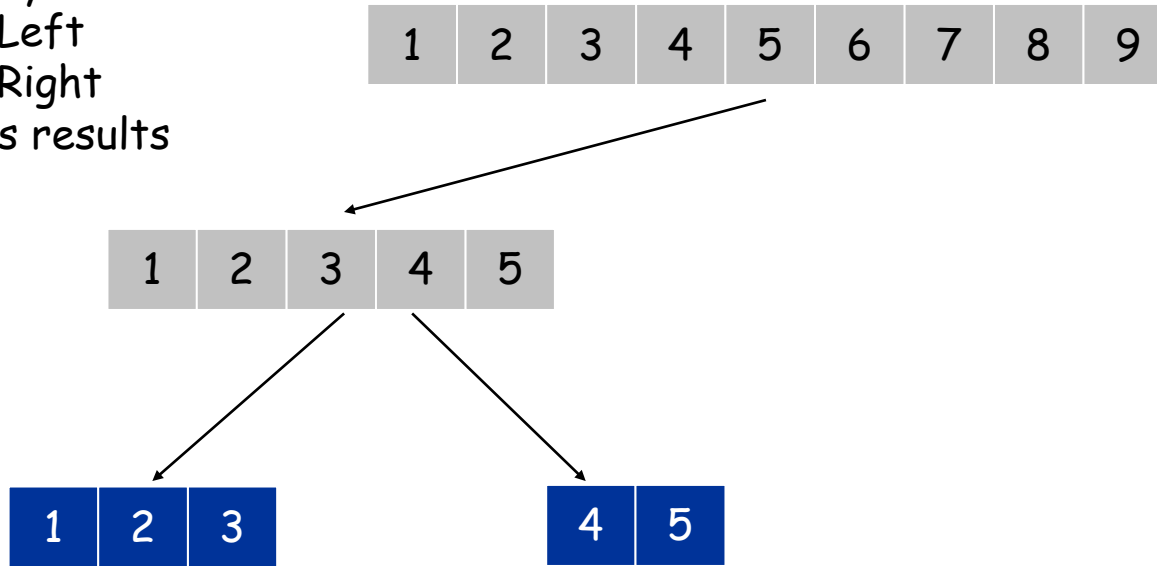
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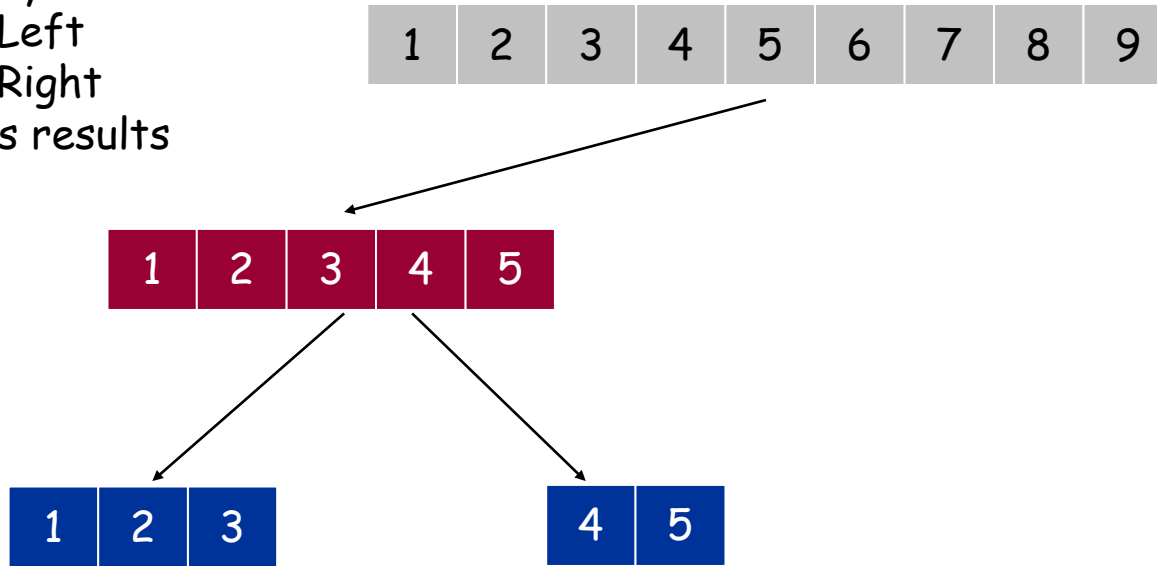
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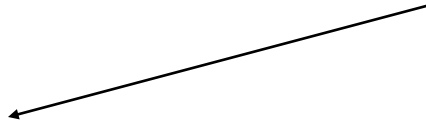
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1	2	3	4	5
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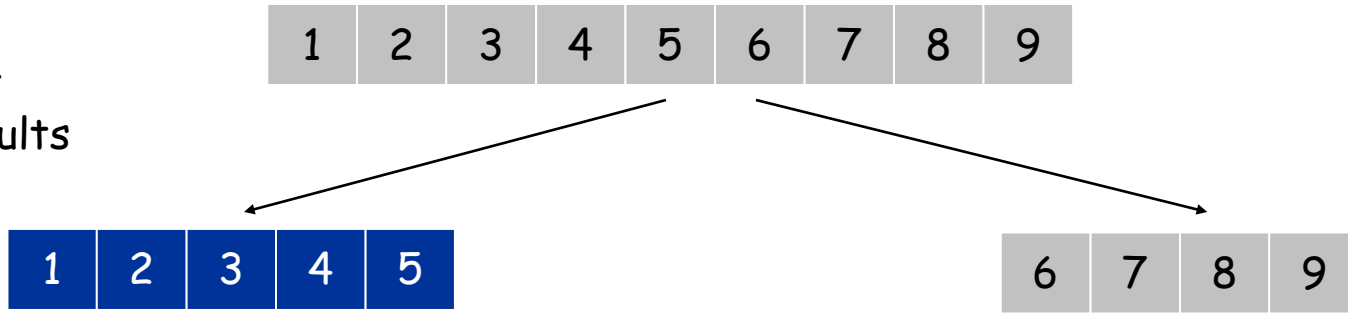
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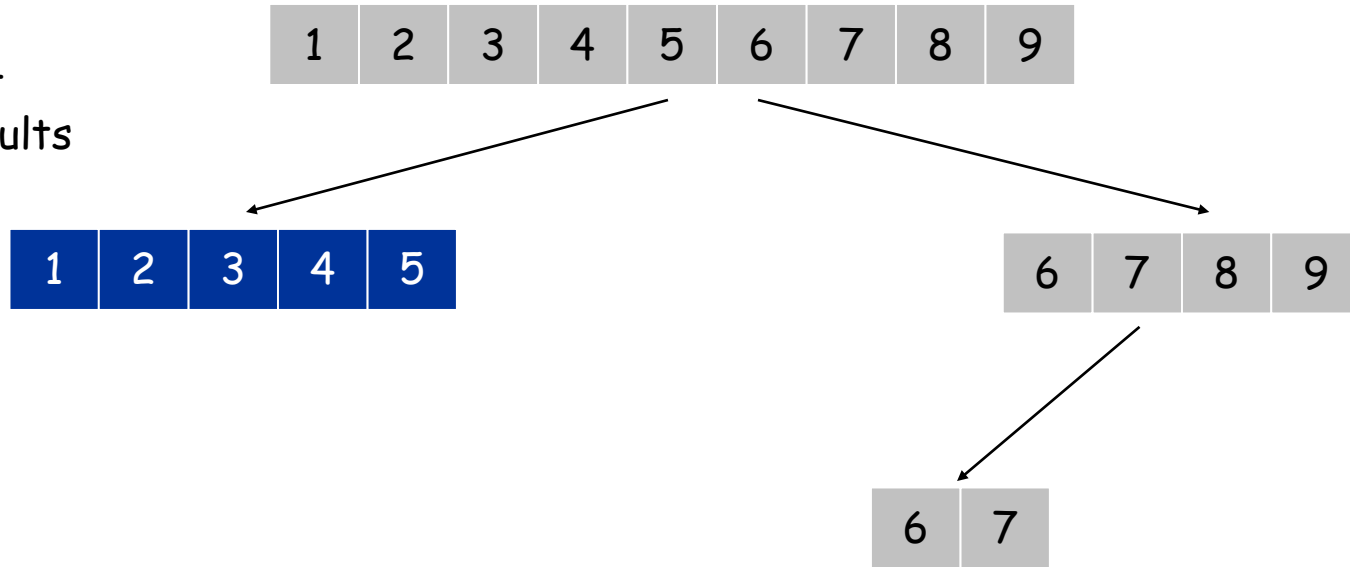
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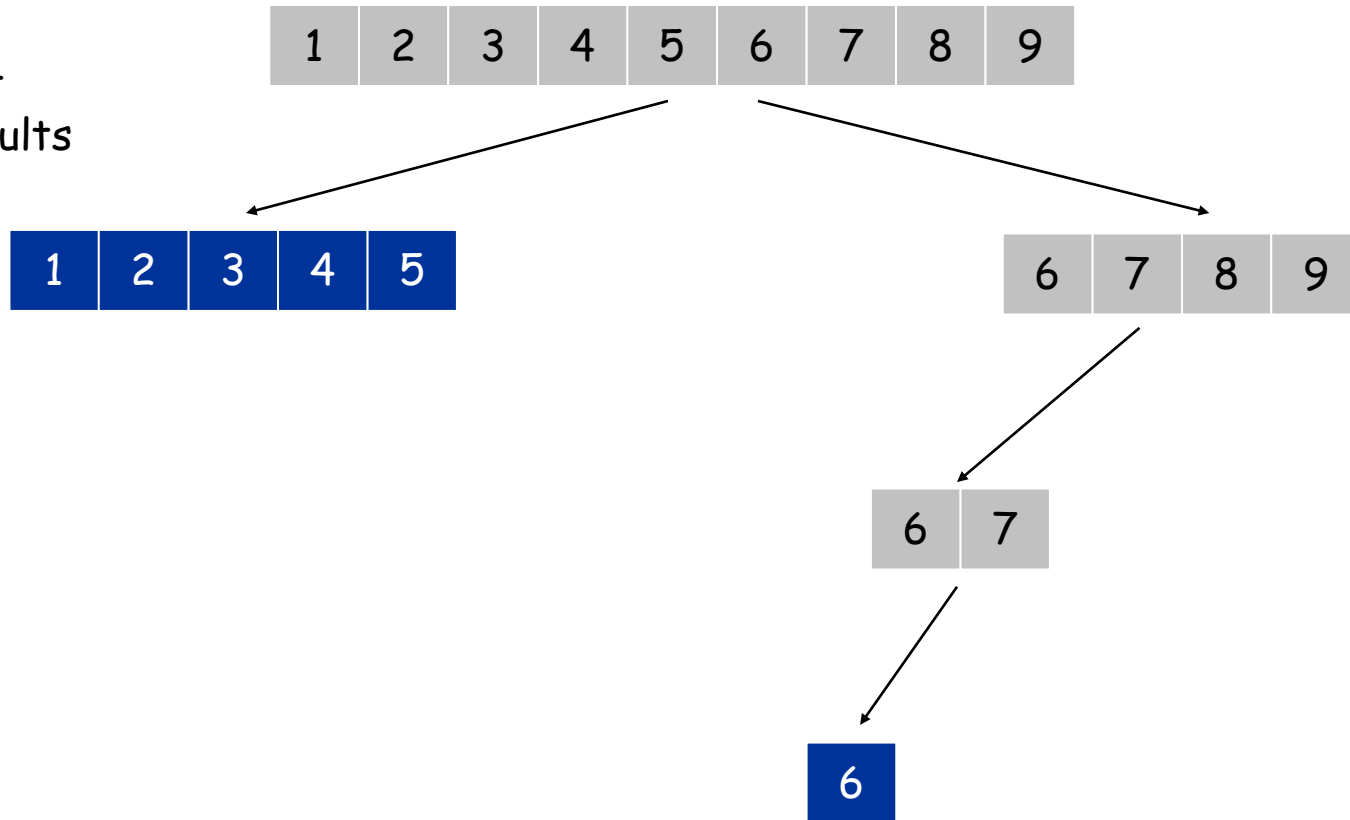
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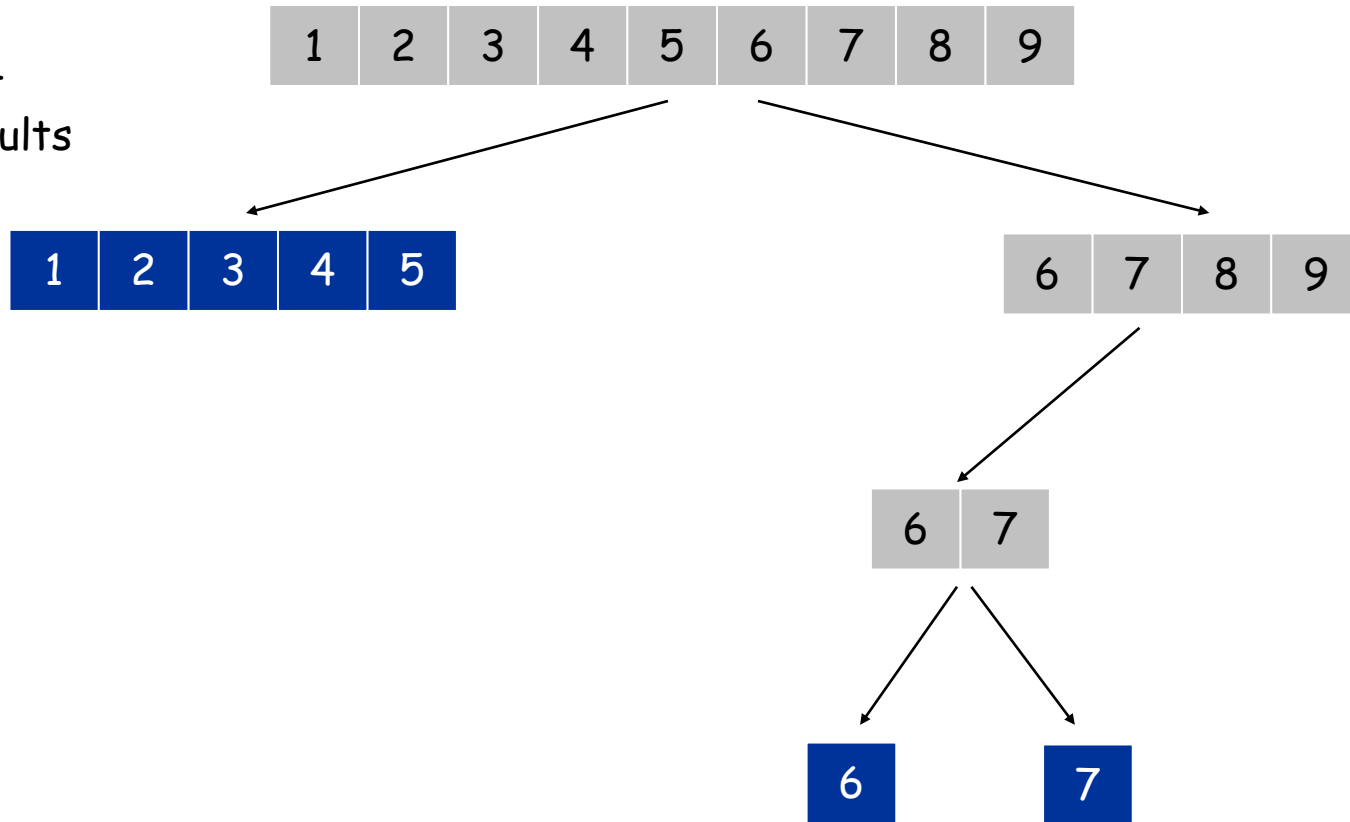
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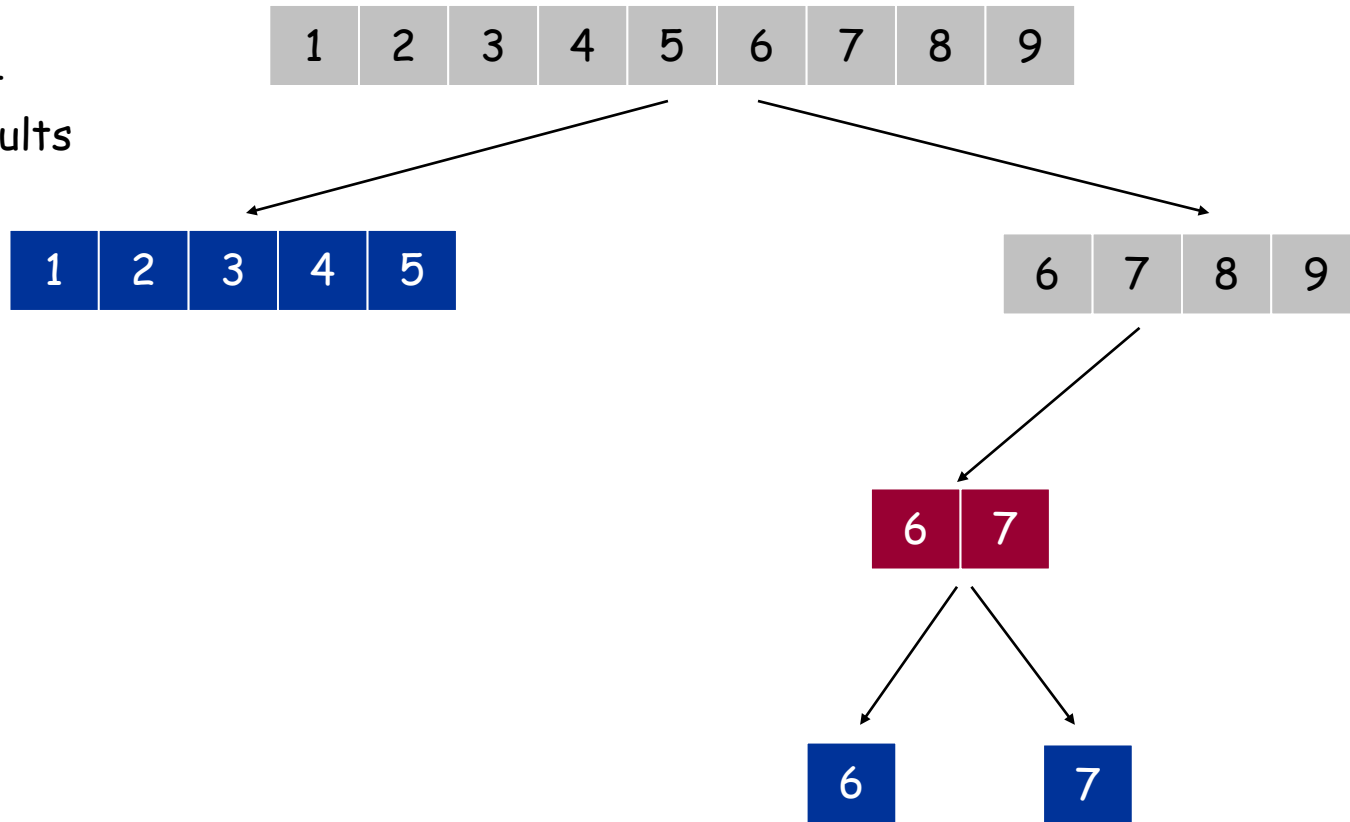
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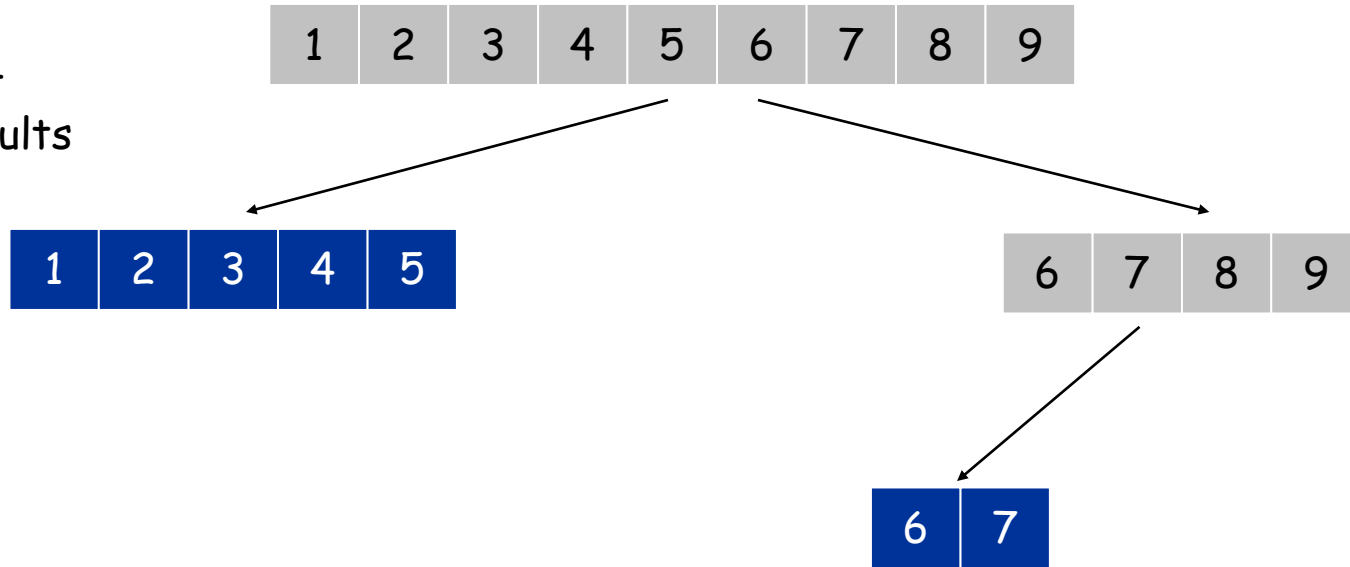
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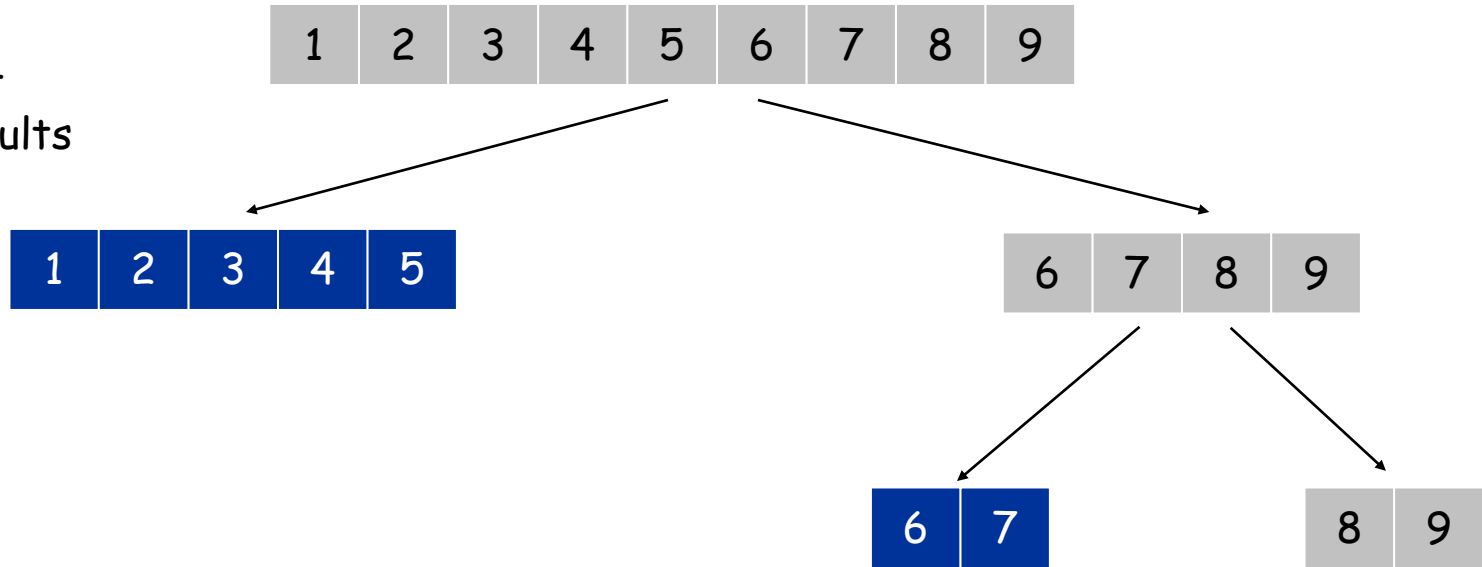
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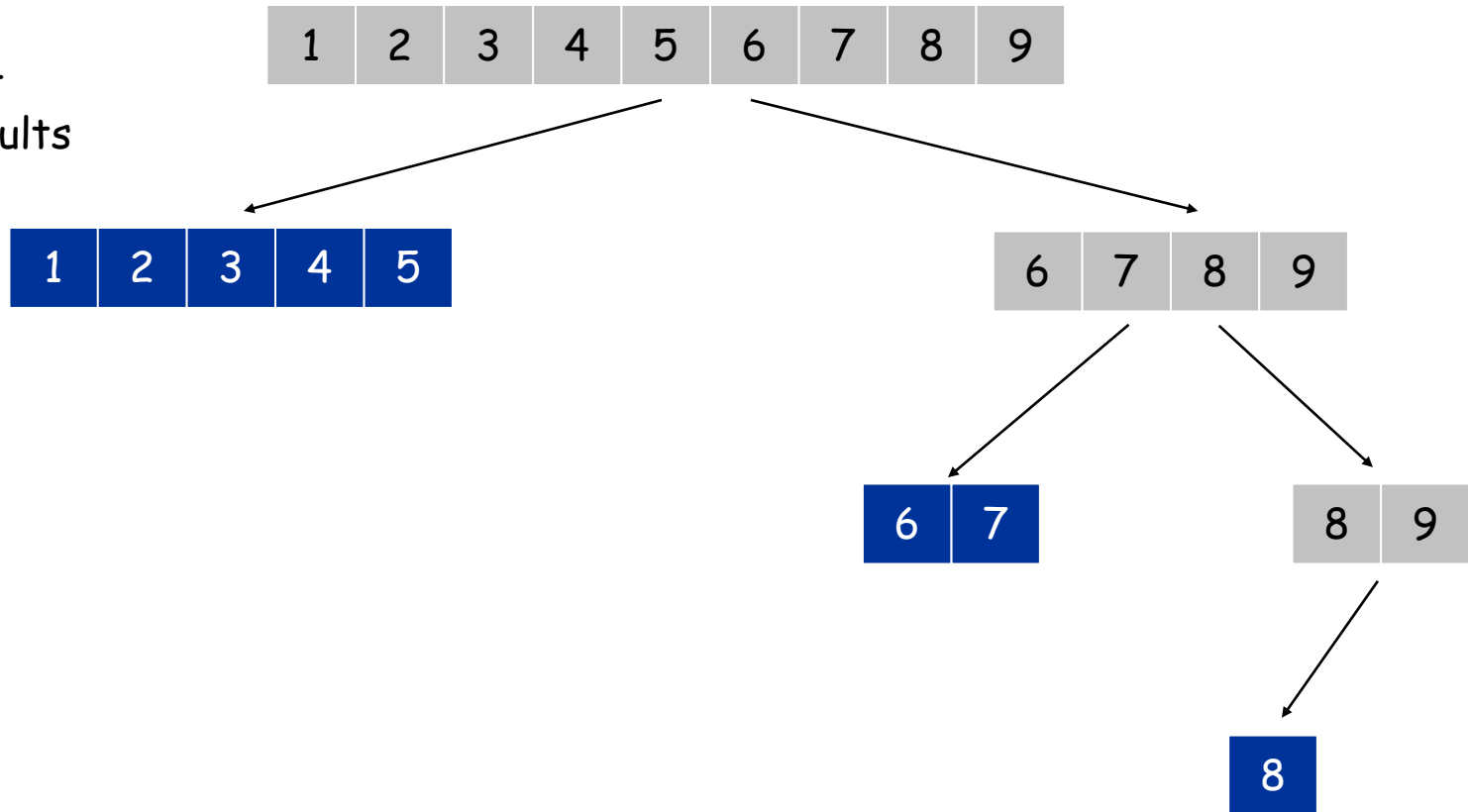
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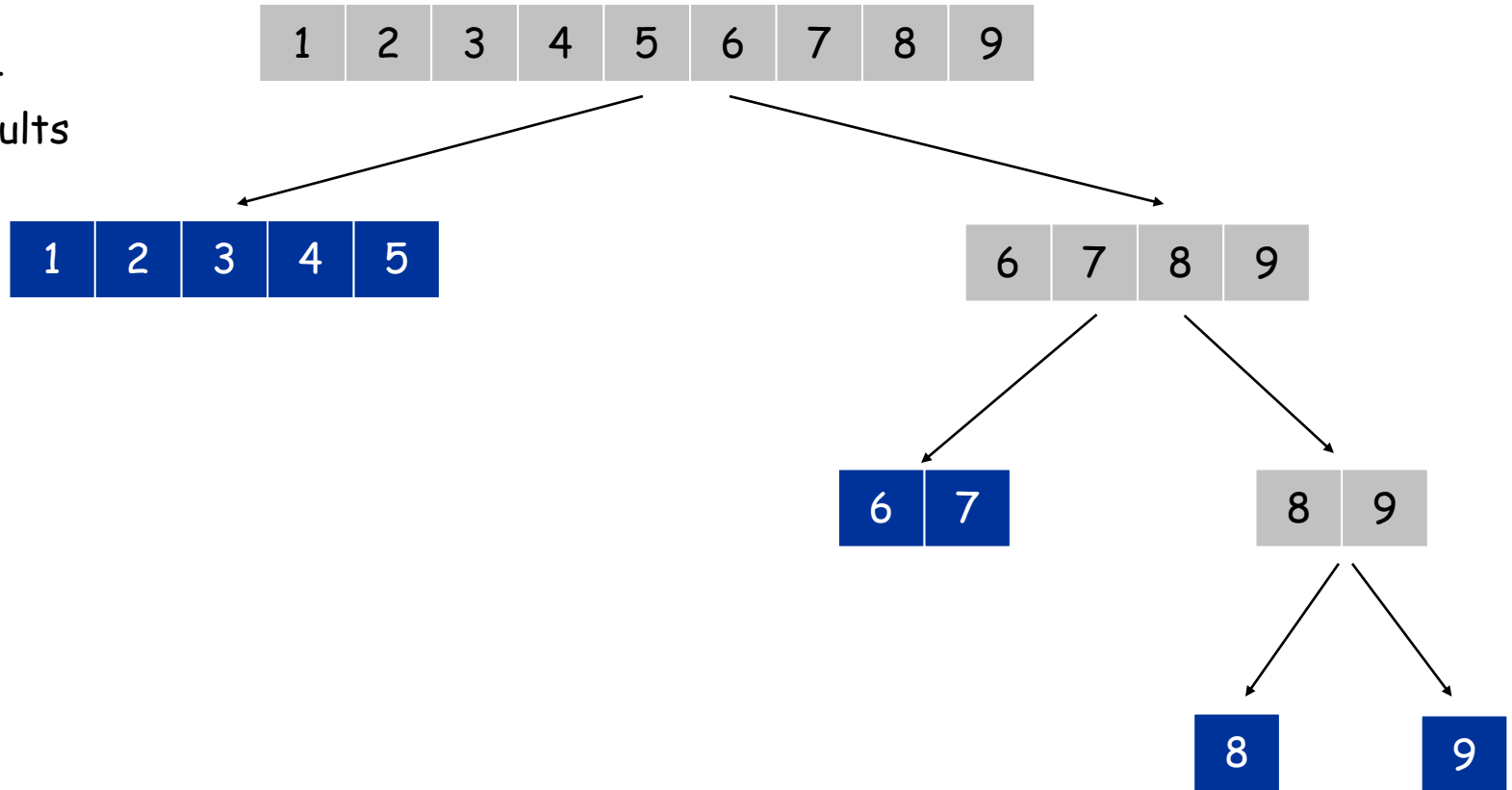
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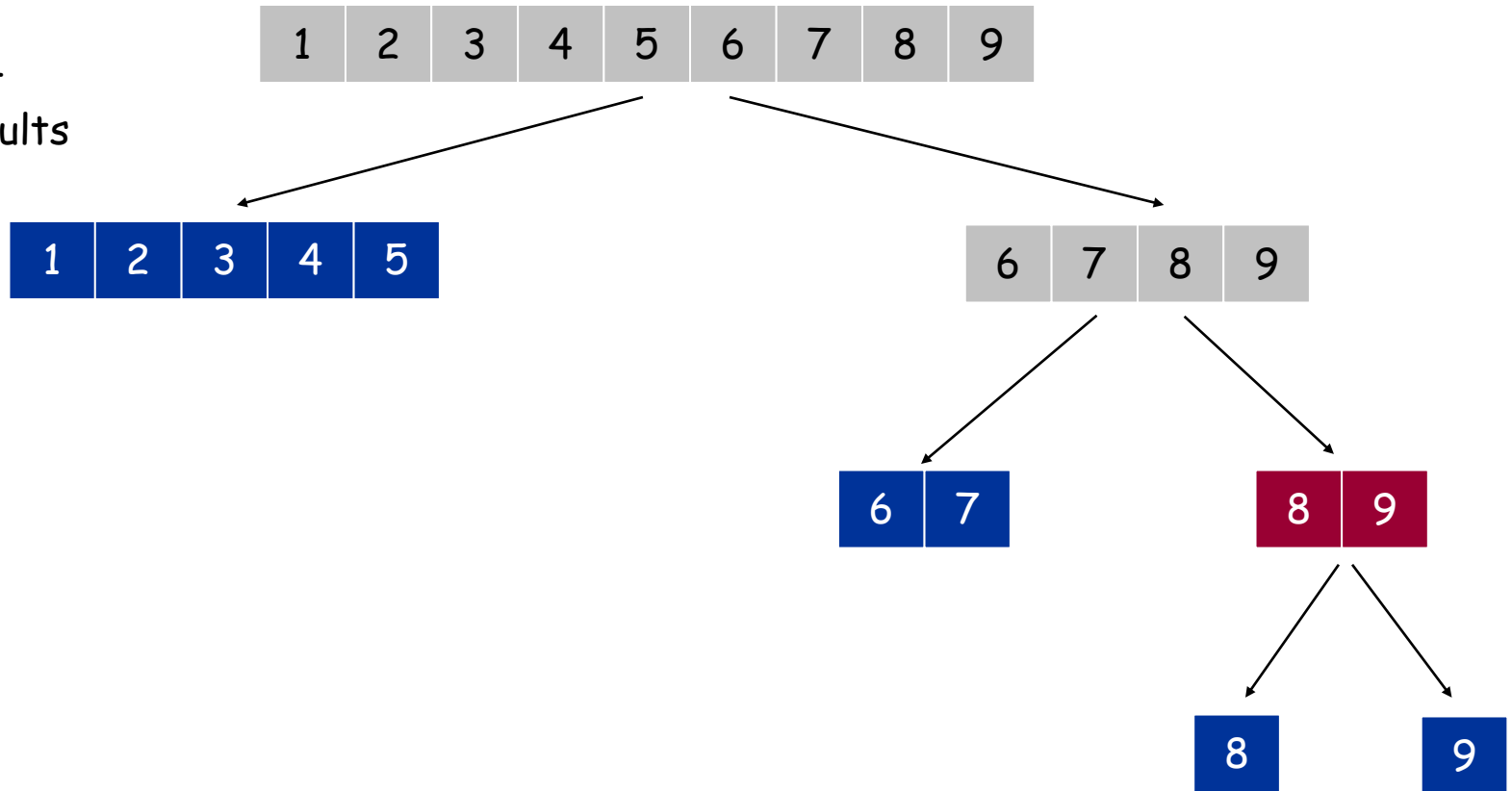
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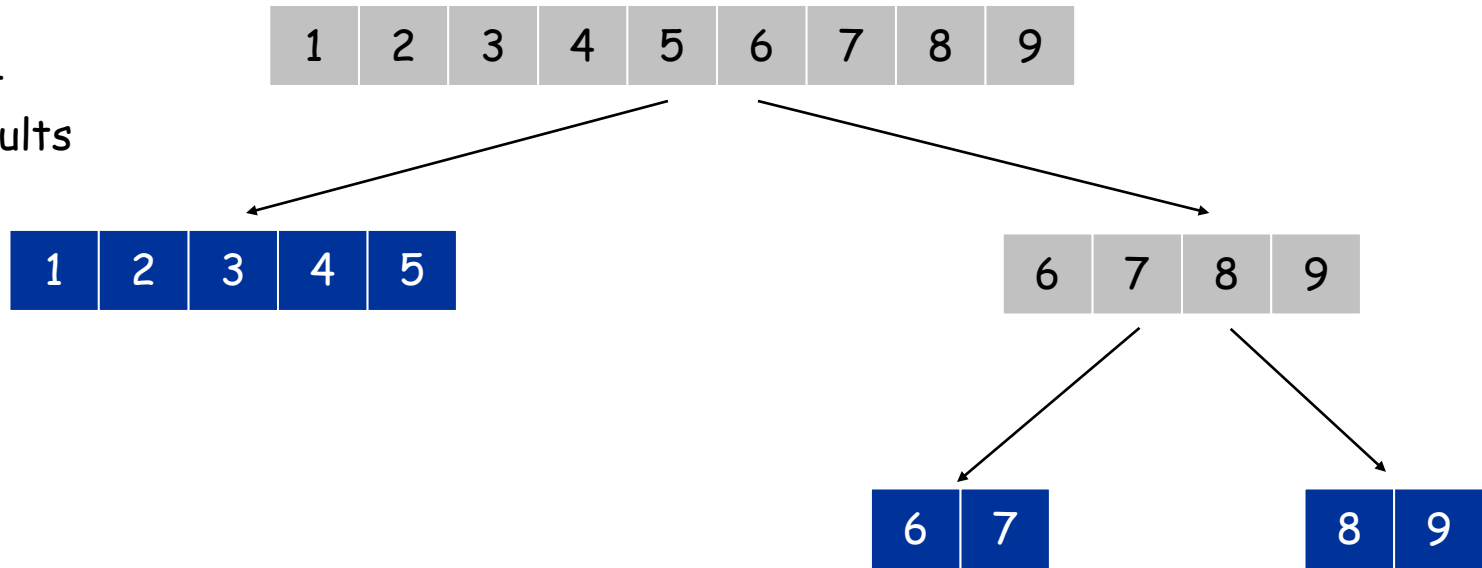
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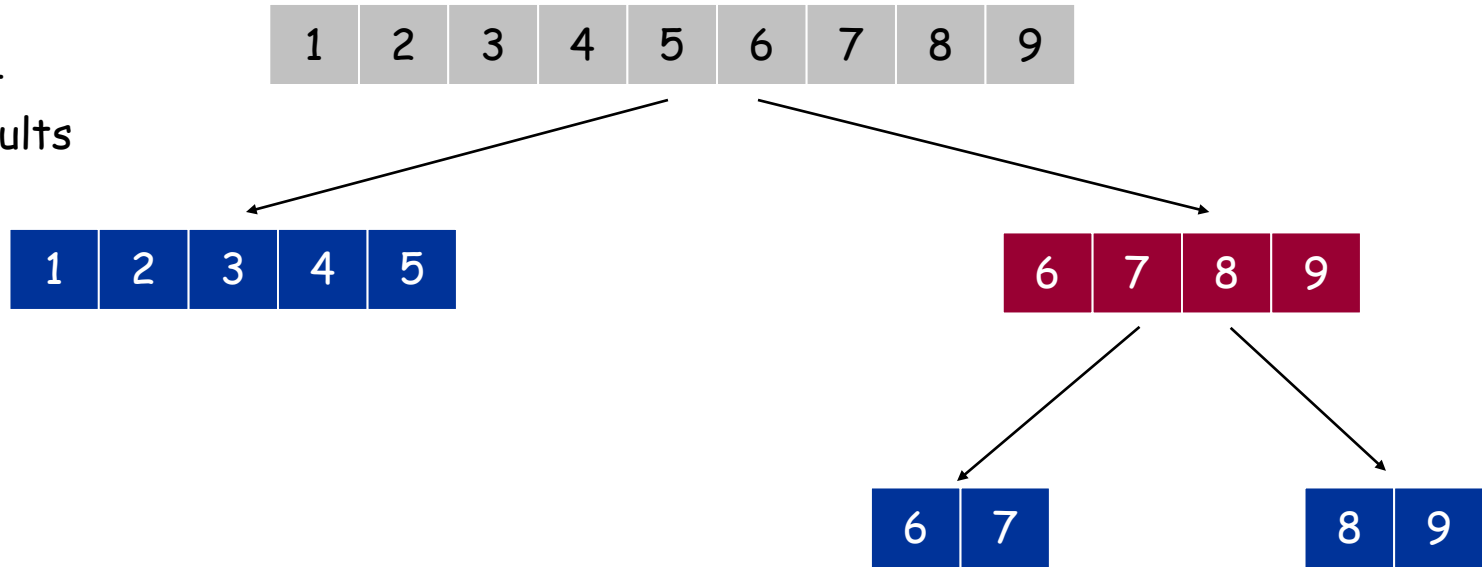
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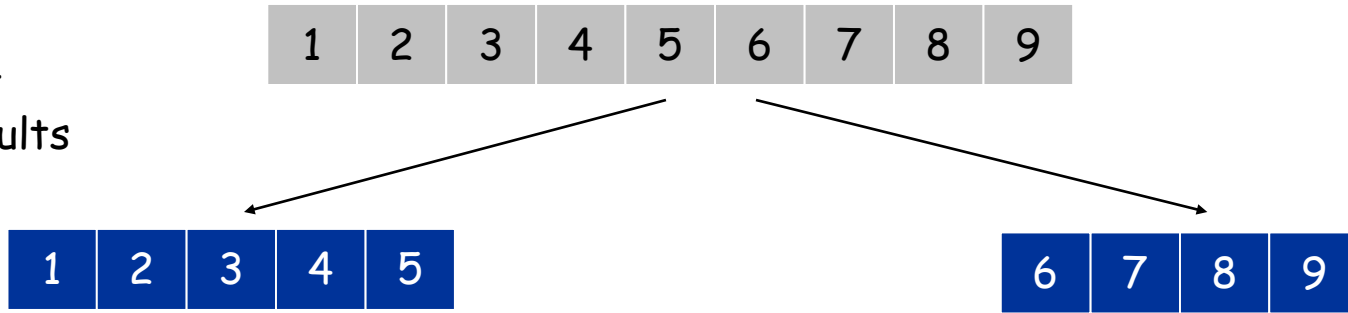
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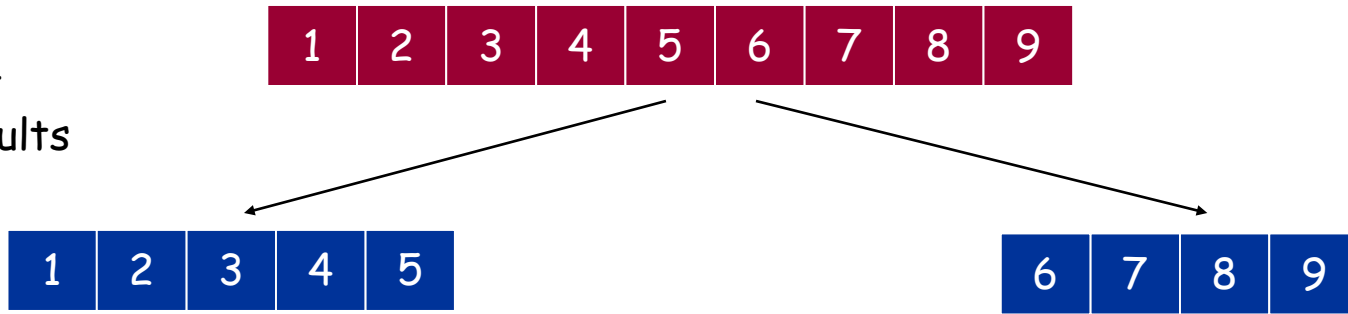
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