

Merging

Merge.

Keep track of smallest element in each sorted half.

Insert smallest of two elements into auxiliary array.

Repeat until done.

A	L	G	O	R	I	T	H	M	S
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A	L	G	O	R		I	T	H	M	S
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A	G	L	O	R		H	I	M	S	T
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A	G	H	I	L	M	O	R	S	T
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smallest



A	G	L	O	R
---	---	---	---	---

smallest



H	I	M	S	T
---	---	---	---	---

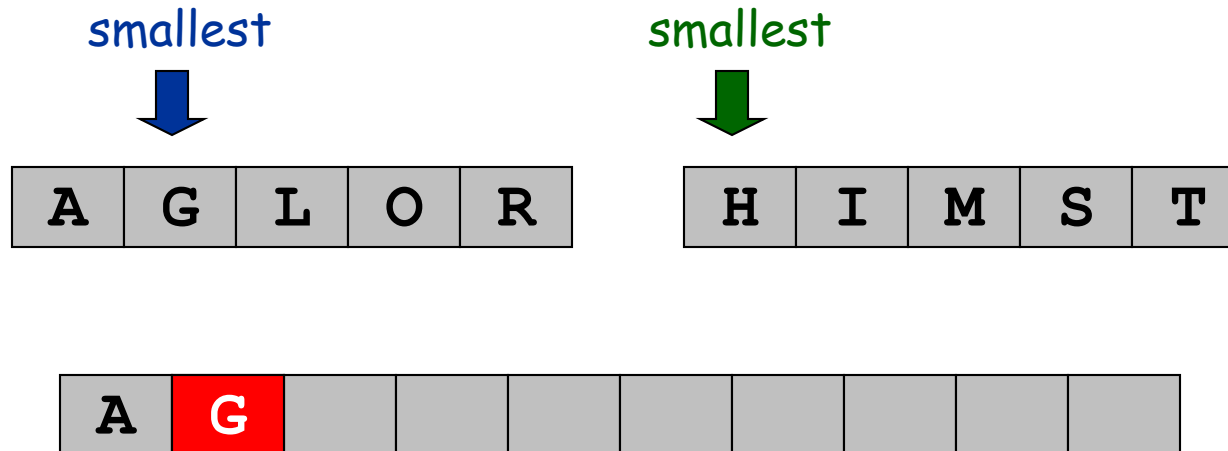
A									
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auxiliary array

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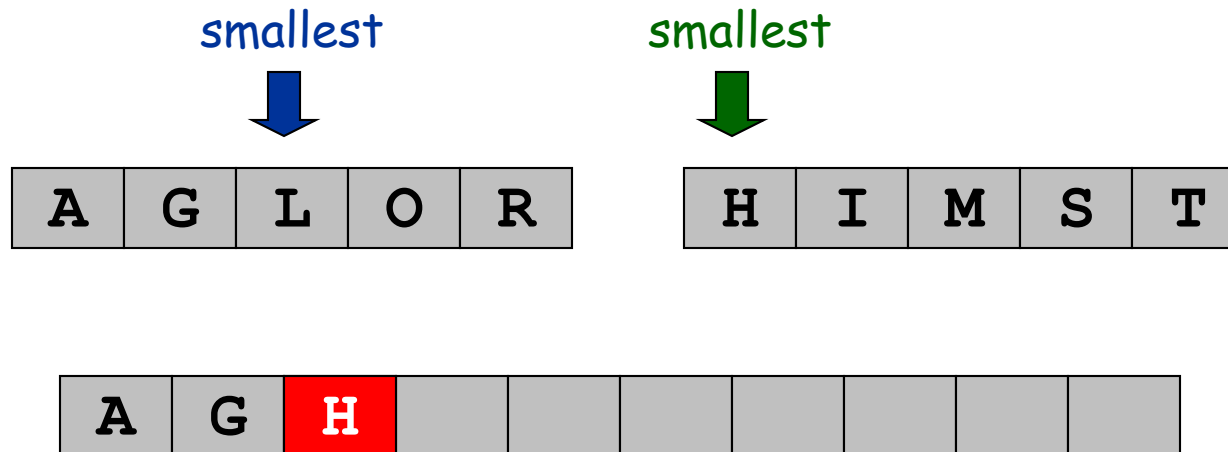


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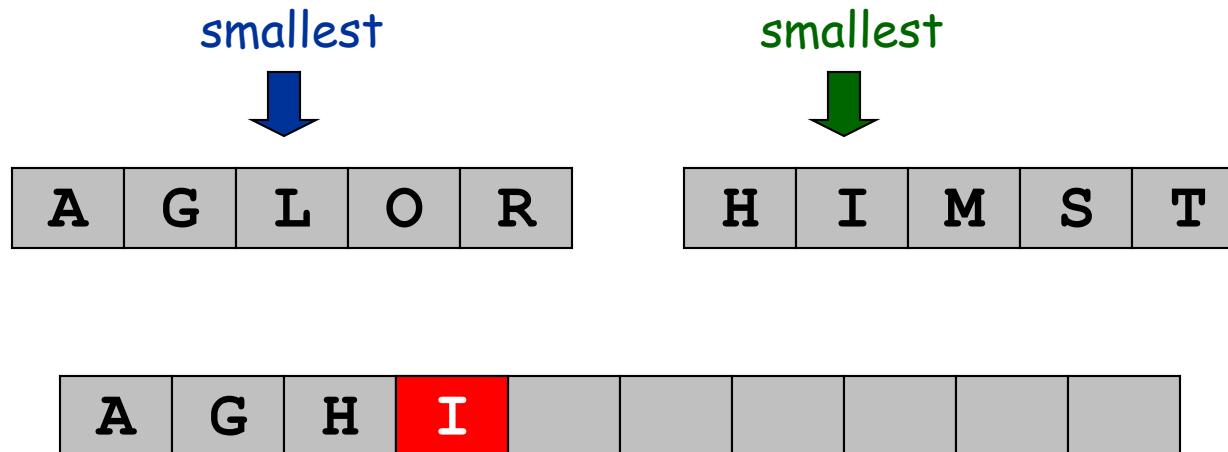


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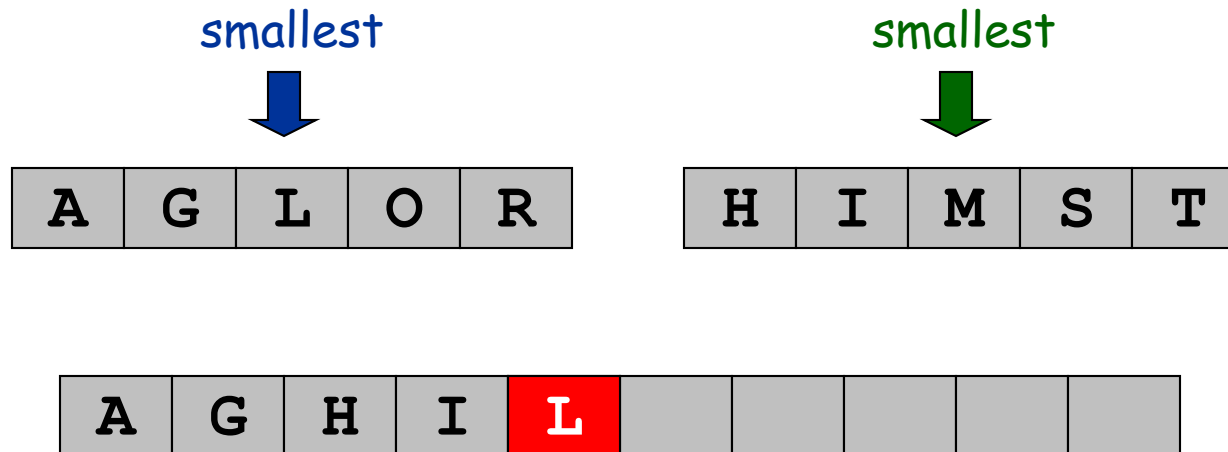


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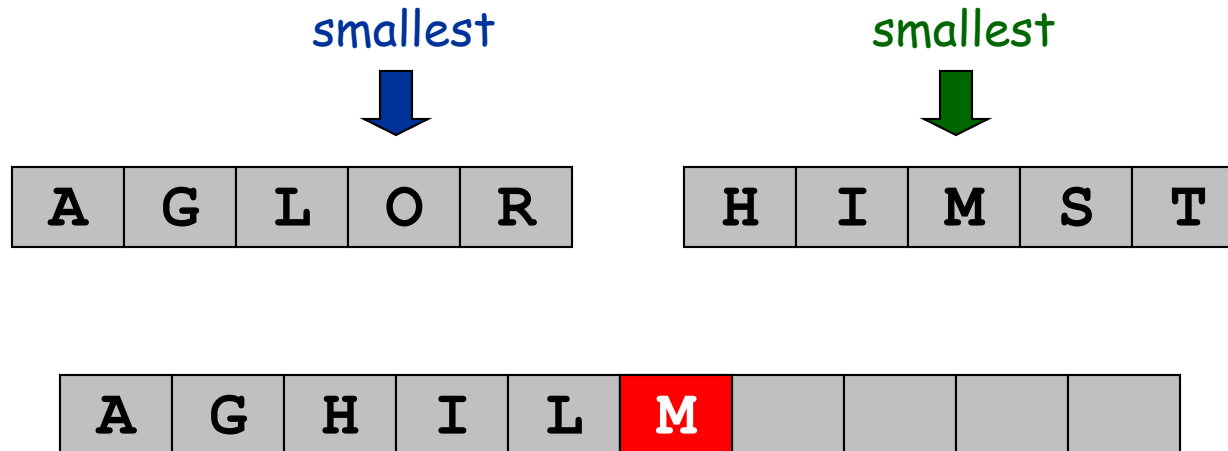


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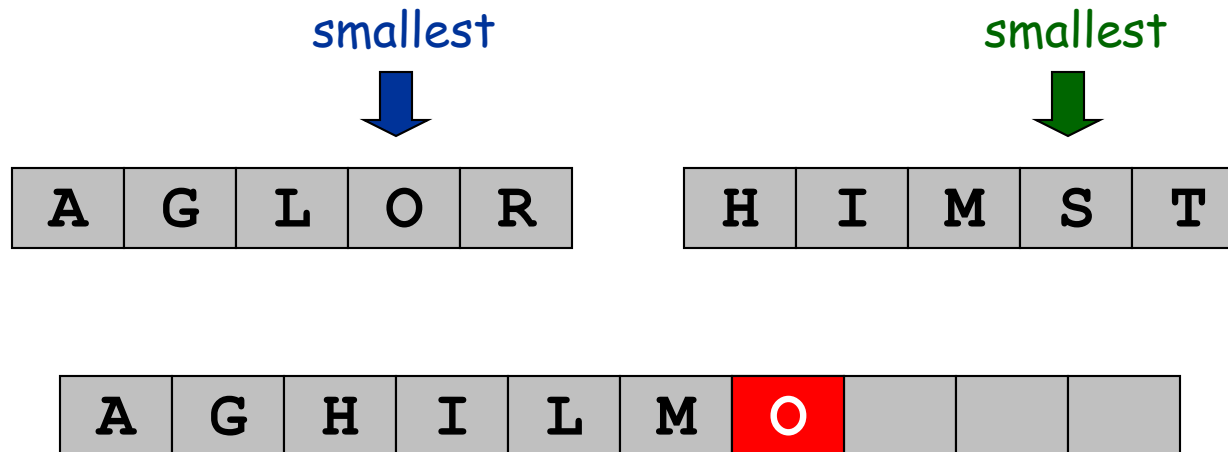


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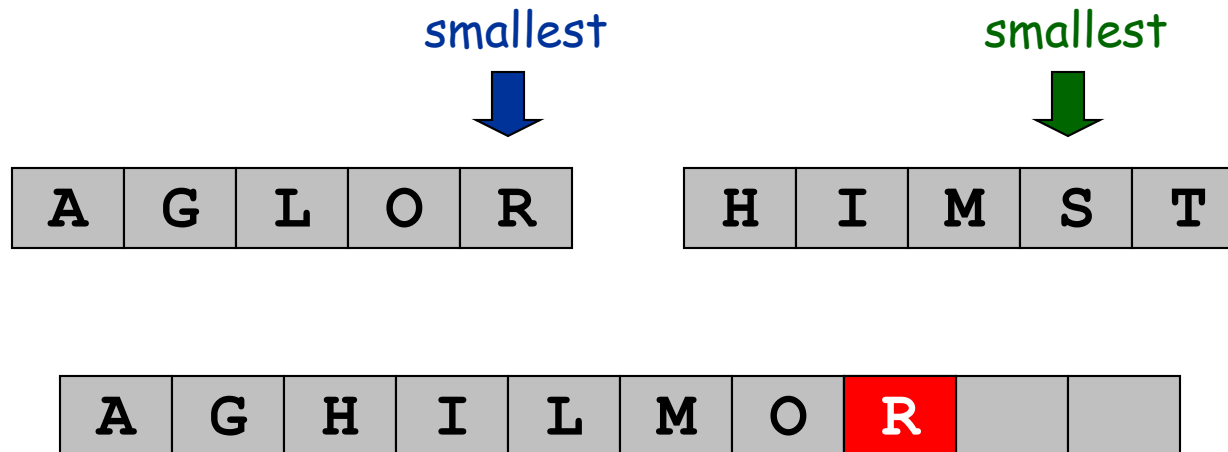


auxiliary array

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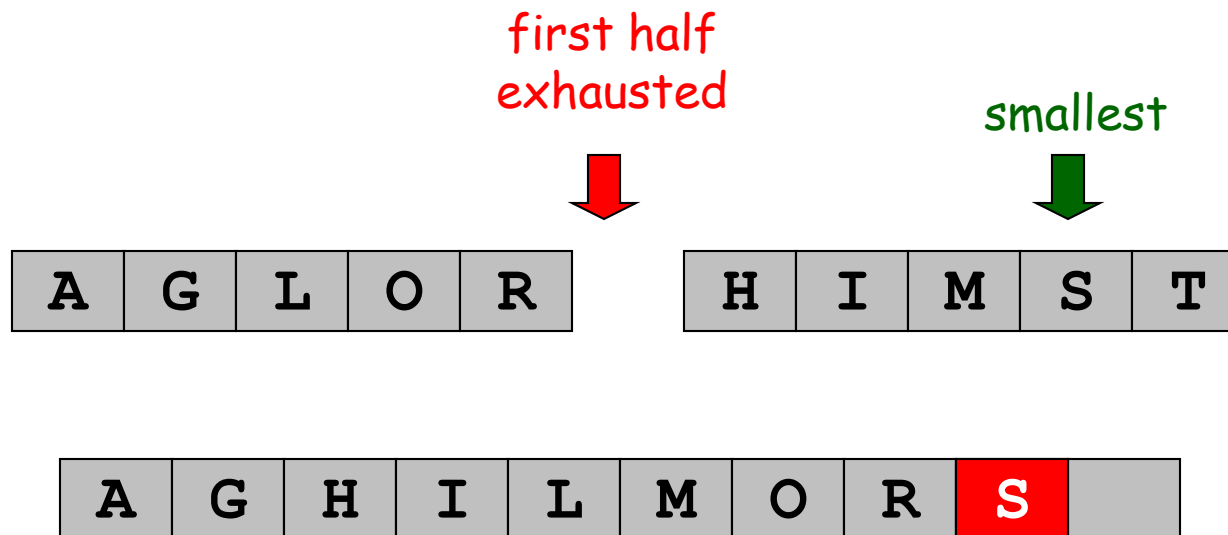
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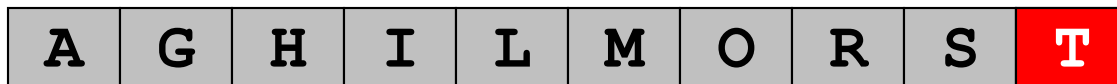
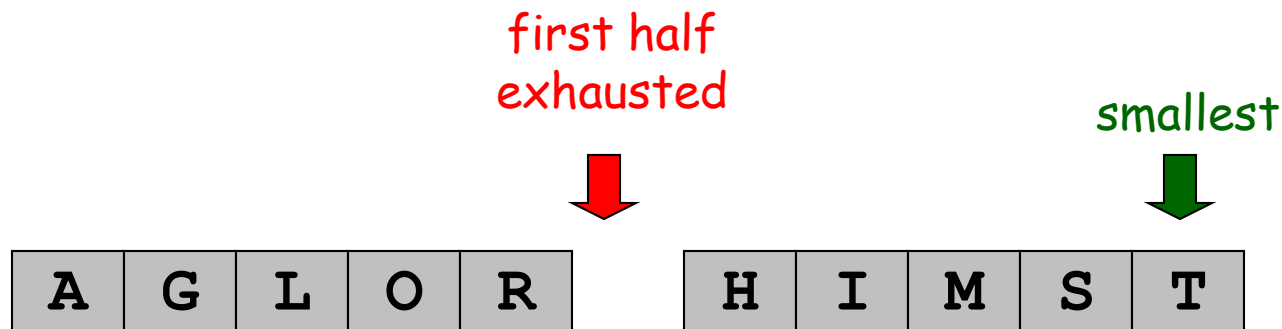
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