

Merging

Merge.

- Keep track of smallest element in each sorted half.
- Insert smallest of two elements into auxiliary array.
- Repeat until done.

smallest



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

smallest



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

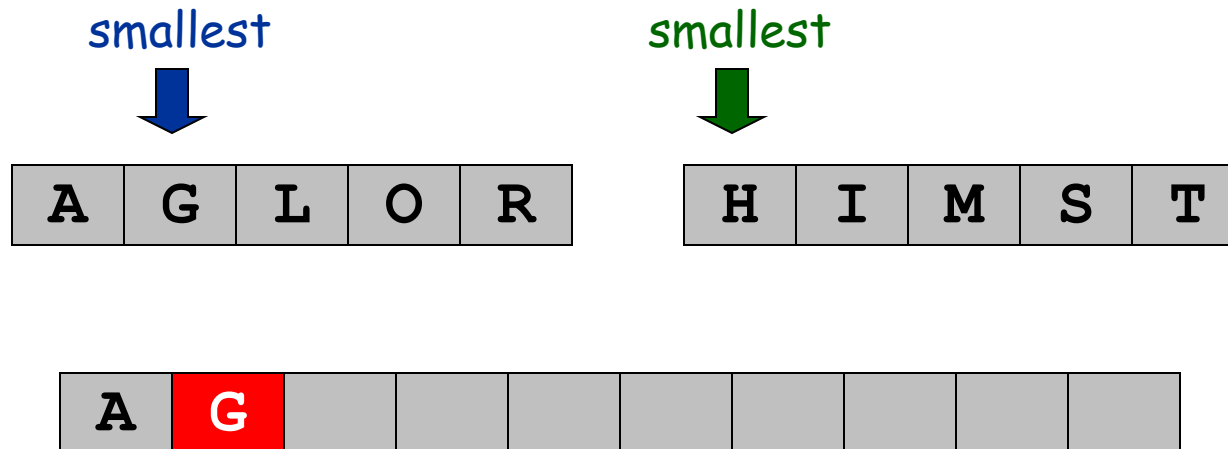
| | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|
| A | | | | | | | | | |
|---|--|--|--|--|--|--|--|--|--|

auxiliary array

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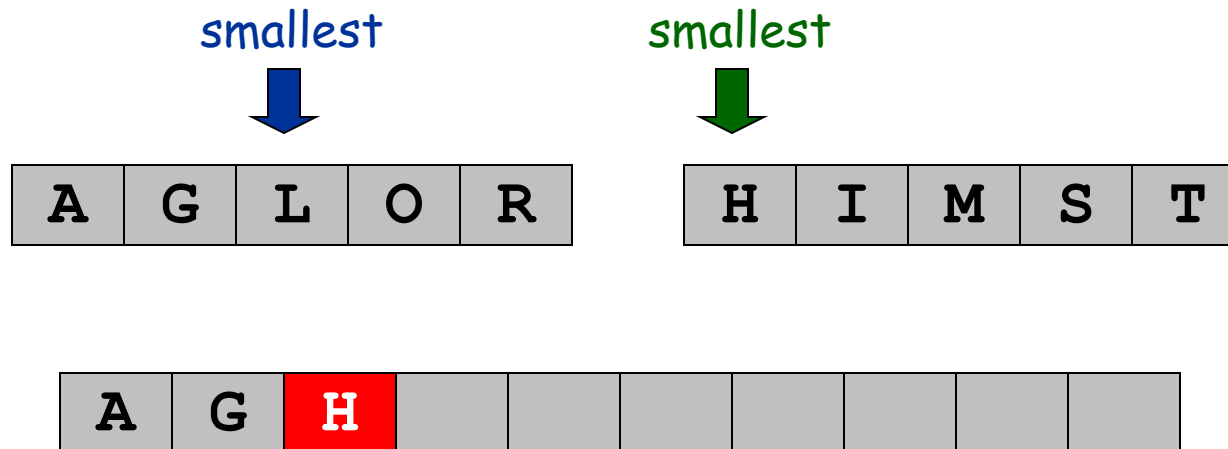


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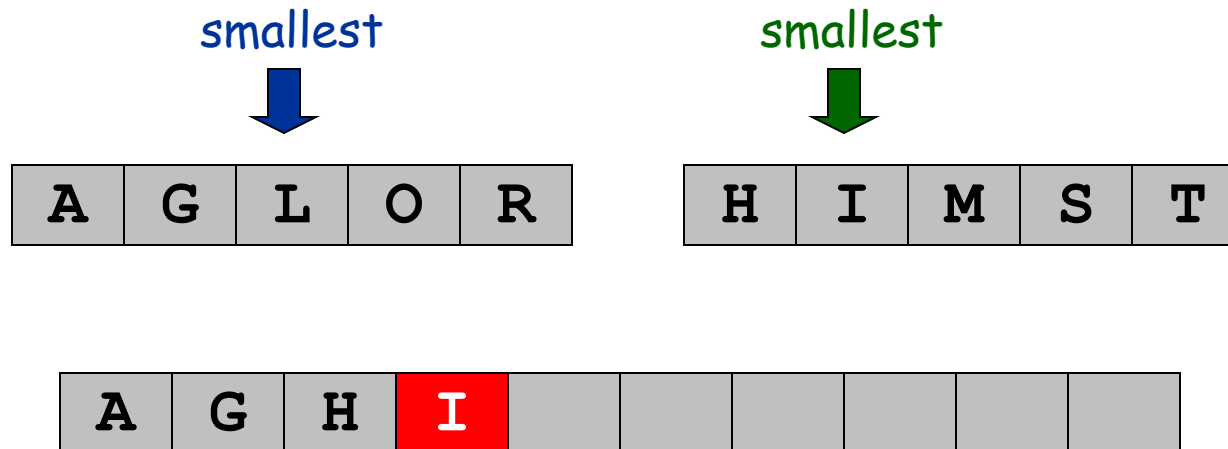


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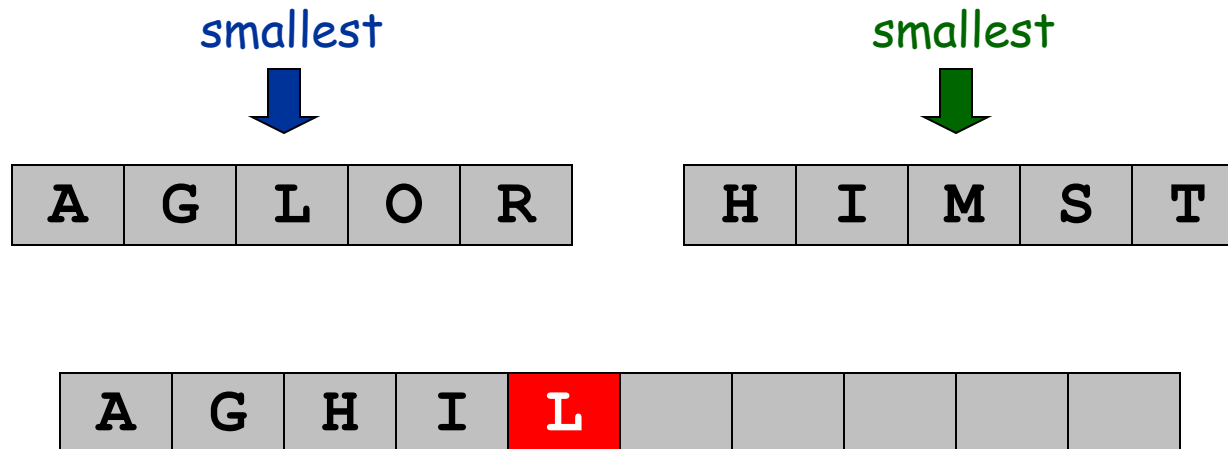


auxiliary array

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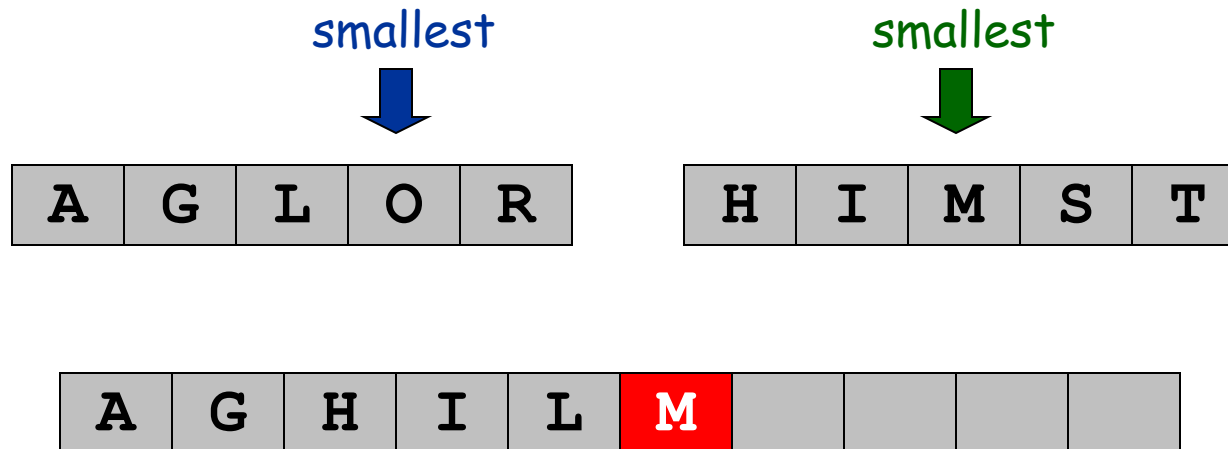
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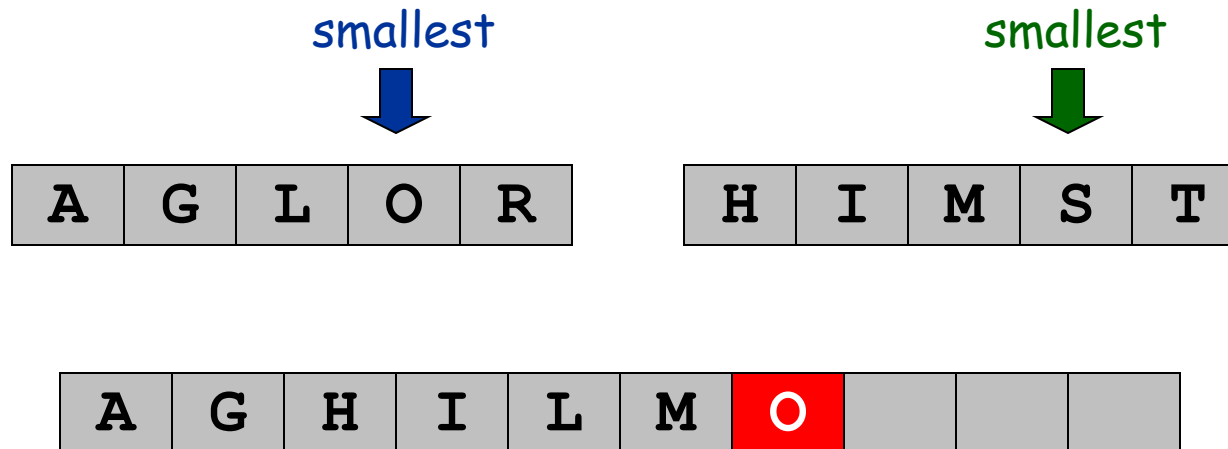


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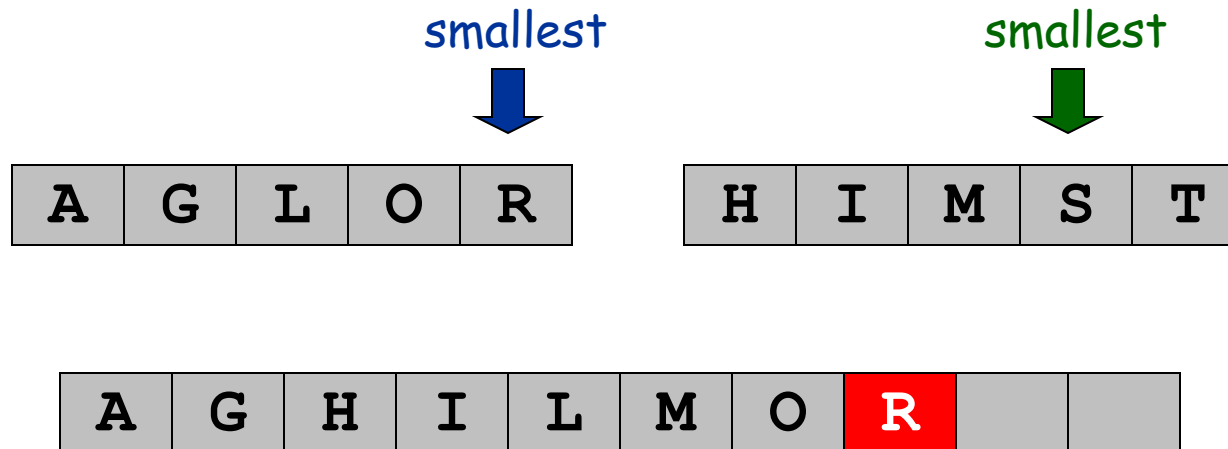
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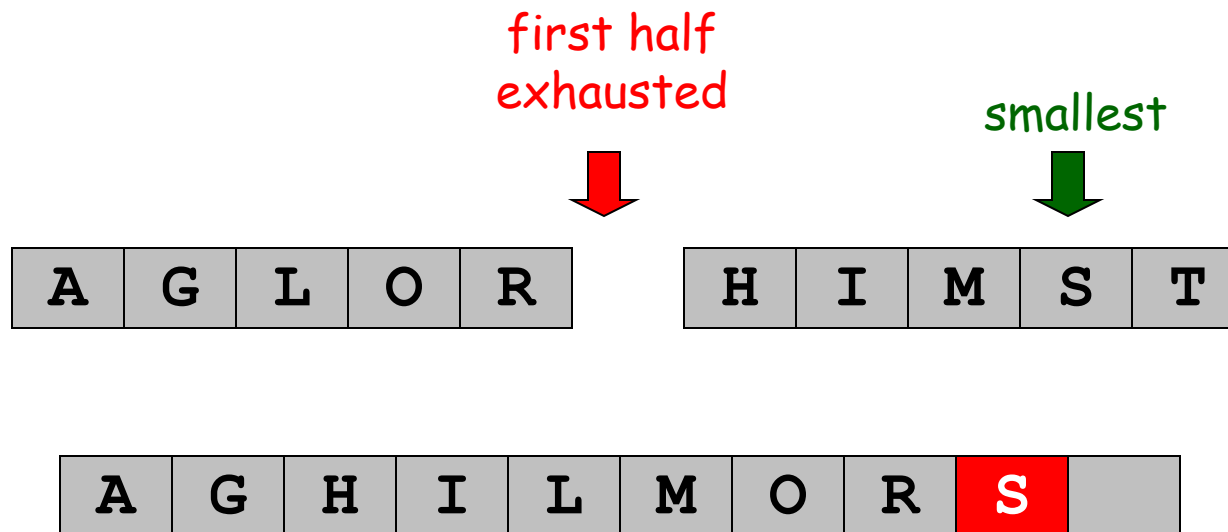


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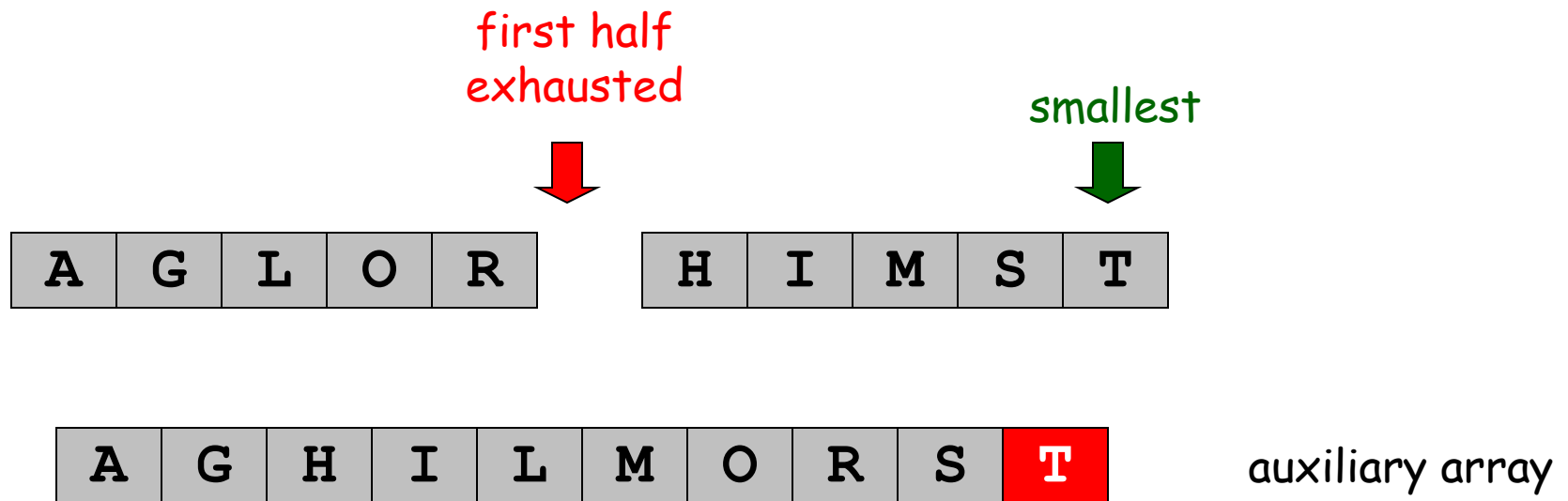


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