

# Insertion Sort

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General strategy:

- Starting with an empty output sequence.
- Add each item from input, inserting into output at right point.

Naive approach, build entirely new output:

Input:

32	15	2	17	19	26	41	17	17
----	----	---	----	----	----	----	----	----

Output:

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Input:



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32	15	2	17	19	26	41	17	17
----	----	---	----	----	----	----	----	----

Output:

15	32
----	----

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Naive approach, build entirely new output:

Input:

32	15	2	17	19	26	41	17	17
----	----	---	----	----	----	----	----	----

Output:

2	15	32
---	----	----

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32	15	2	17	19	26	41	17	17
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Output:

2	15	17	32
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2	15	17	19	32
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2	15	17	19	26	32
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Output:

2	15	17	19	26	32	41
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General strategy:

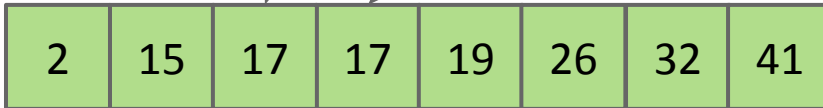
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Input:



Output:



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Output:

2	15	17	17	17	19	26	32	41
---	----	----	----	----	----	----	----	----

