Merge and count step.

- Given two sorted halves, count number of inversions where a_i and a_j are in different halves.
- . Combine two sorted halves into sorted whole.



Total:

1

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Total: 6 + 3

Merge and count step.

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Total: 6 + 3

Merge and count step.

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- . Combine two sorted halves into sorted whole.



Total: 6 + 3 + 2

Merge and count step.

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Total: 6 + 3 + 2

Merge and count step.

- Given two sorted halves, count number of inversions where a_i and a_j are in different halves.
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Total: 6 + 3 + 2 + 2 + 0

Merge and count step.

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Total: 6 + 3 + 2 + 2 + 0

Merge and count step.

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Total: 6 + 3 + 2 + 2 + 0 + 0

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