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Counting sort → Statements

 Medium  1 minute 

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- ☐ The algorithm cannot be extended to sort negative numbers.
- ☒ The time complexity is $O(n+k)$ where k is the range of numbers and n is the input size.
- ☒ In the stable version, the modified array `counts[num]` stores the count of elements from 0 to num.
- ☐ It is more efficient when the range of input data is significantly greater than the number of elements in the input array,

✓ Correct.

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