2000. Reverse Prefix of Word

Solved ●

Easy   🏷 Topics   📇 Companies   💡 Hint

Given a **0-indexed** string `word` and a character `ch`, **reverse** the segment of `word` that starts at index `0` and ends at the index of the **first occurrence** of `ch` (**inclusive**). If the character `ch` does not exist in `word`, do nothing.

- For example, if `word = "abcdefd"` and `ch = "d"`, then you should **reverse** the segment that starts at `0` and ends at `3` (**inclusive**). The resulting string will be `"dcbaefd"`.

Return *the resulting string*.

Example 1:

Input: word = "abcdefd", ch = "d"
Output: "dcbaefd"
Explanation: The first occurrence of "d" is at index 3.
Reverse the part of word from 0 to 3 (inclusive), the resulting string is "dcbaefd".

Example 2:

Input: word = "xyxzxe", ch = "z"
Output: "zxyxxe"
Explanation: The first and only occurrence of "z" is at index 3.
Reverse the part of word from 0 to 3 (inclusive), the resulting string is "zxyxxe".

Example 3:

Input: word = "abcd", ch = "z"
Output: "abcd"
Explanation: "z" does not exist in word.
You should not do any reverse operation, the resulting string is "abcd".

Constraints:

- `1 <= word.length <= 250`

- `word` consists of lowercase English letters.

- `ch` is a lowercase English letter.

Seen this question in a real interview before?   1/5

Yes   No

Accepted **208.1K**   Submissions **242.8K**   Acceptance Rate **85.7%**

Topics   ⌄

Companies   ⌄

Hint 1   ⌄

Hint 2   ⌄

Discussion (90)   ⌄