

2000. Reverse Prefix of Word

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 = "xyxze"`, `ch = "z"`

Output: `"zyxze"`

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 "zyxze".

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.