



5867. Reverse Prefix of Word

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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 `"dcbæefd"`.

Return the resulting string.

User Accepted:	0
User Tried:	0
Total Accepted:	0
Total Submissions:	0
Difficulty:	Easy

Example 1:

Input: `word = "abcdefd"`, `ch = "d"`

Output: `"dcbæefd"`

Explanation: The first occurrence of "d" is at index 3.

Reverse the part of `word` from `0` to `3` (inclusive), the resulting string is `"dcbæefd"`.

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.

JavaScript



```

1 const reversePrefix = (s, ch) => {
2   let idx = s.indexOf(ch);
3   let left = s.slice(0, idx + 1);
4   let right = s.slice(idx + 1);
5   return reverse(left) + right;
6 };
7
8 const reverse = (s) => {
9   let res = "";
10  for (let i = s.length - 1; i >= 0; i--) {
11    res += s[i];
12  }

```

```
13     return res;  
14 };
```

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