

Problem 541: Reverse String II

Problem Information

Difficulty: Easy

Acceptance Rate: 52.93%

Paid Only: No

Tags: Two Pointers, String

Problem Description

Given a string `s` and an integer `k`, reverse the first `k` characters for every `2k` characters counting from the start of the string.

If there are fewer than `k` characters left, reverse all of them. If there are less than `2k` but greater than or equal to `k` characters, then reverse the first `k` characters and leave the other as original.

Example 1:

Input: `s = "abcdefg", k = 2` **Output:** `"bacdfeg"`

Example 2:

Input: `s = "abcd", k = 2` **Output:** `"bacd"`

Constraints:

`1 <= s.length <= 104` `s` consists of only lowercase English letters. `1 <= k <= 104`

Code Snippets

C++:

```
class Solution {
public:
```

```
string reverseStr(string s, int k) {  
  
}  
};
```

Java:

```
class Solution {  
    public String reverseStr(String s, int k) {  
  
    }  
}
```

Python3:

```
class Solution:  
    def reverseStr(self, s: str, k: int) -> str:
```