

String - LeetCode

Find the Index of the First Occurrence in a String

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String

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28. Find the Index of the First Occurrence in a String

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Given two strings `needle` and `haystack`, return the index of the first occurrence of `needle` in `haystack`, or `-1` if `needle` is not part of `haystack`.

Example 1:

Input: `haystack = "sadbutsad"`, `needle = "sad"`
Output: `0`
Explanation: "sad" occurs at index 0 and 6. The first occurrence is at index 0, so we return 0.

Example 2:

Input: `haystack = "leetcode"`, `needle = "leeto"`
Output: `-1`
Explanation: "leeto" did not occur in "leetcode", so we return -1.

Constraints:

- `1 <= haystack.length, needle.length <= 104`
- `haystack` and `needle` consist of only lowercase English characters.

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</> Code

JavaAuto

```
1 class Solution {
2     public int strStr(String haystack, String needle) {
3         for(int i = 0, j = needle.length(); j<=haystack.length(); i++,j++){
4             if(haystack.substring(i,j).equals(needle)){
5                 return i;
6             }
7         }
8         return -1;
9     }
10 }
```

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TestcaseTest Result

AcceptedRuntime: 0 ms

Case 1Case 2

Input

haystack =
"sadbutsad"