

Implement strStr() - LeetCode

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28. Implement strStr()

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Implement strStr().

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`.

Clarification:

What should we return when `needle` is an empty string? This is a great question to ask during an interview.

For the purpose of this problem, we will return 0 when `needle` is an empty string. This is consistent to C's `strstr()` and Java's `indexOf()`.

Example 1:

Input: haystack = "hello", needle = "ll"
Output: 2

Example 2:

Input: haystack = "aaaaa", needle = "bba"
Output: -1

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JavaAutocomplete

```
1 class Solution {
2     public int strStr(String haystack, String needle) {
3
4         if(needle==null)
5             return 0;
6
7         if(haystack.length()<needle.length())
8             return -1;
9
10        for(int i=0;i<haystack.length();i++){
11            if(needle.charAt(0)==haystack.charAt(i)){
12                int k=i+1;
13                int j;
14                for(j=1;j<needle.length() && k<haystack.length();j++){
15                    if(haystack.charAt(k)!=needle.charAt(j))
16                        break;
17
18                    k++;
19                }
20                if(j==needle.length())
21                    return i;
22            }
23        }
24
25        return -1;
26
27    }
28 }
```