

28. Implement strStr()

Total Accepted: **83067** Total Submissions: **352243** Difficulty: **Easy**

Implement strStr().

Returns the index of the first occurrence of needle in haystack, or -1 if needle is not part of haystack.

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Again, the hard part is to understand what it is asking!

What exactly it is asking:

Give two string str1 and str2, we need to find out the index of the first occurrence of str1 in str2. If str1 never occur in str2, return -1.

Example: if str1 = "bcd", str2 = "abcdefg". Then return index = 1

Once we get what it means, it is easy

```
7  class Solution(object):
8      def strStr(self, haystack, needle):
9
10         N = len(haystack)
11         n = len(needle)
12         index = 0
13
14         if n == 0:
15             return 0
16         if N == 0:
17             return -1
18
19         while index < N - n + 1:
20             if haystack[index:index+n] == needle:
21                 return index
22             index += 1
23         return -1
```