28. Implement strStr()

Implement strStr().

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
```

Example 3:

```
Input: haystack = "", needle = ""
Output: 0
```

Constraints:

- $0 <= \text{haystack.length}, \text{needle.length} <= 5 * 10^4$
- `haystack` and `needle` consist of only lower-case English characters.

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