

467. Unique Substrings in Wraparound String

Difficulty : Medium

<https://leetcode.com/problems/unique-substrings-in-wraparound-string>

We define the string base to be the infinite wraparound string of "abcdefghijklmnopqrstuvwxyz", so base will look like this:

- "...zabcdefghijklmnopqrstuvwxyzabcdefghijklmnopqrstuvwxyzabcd...".

Given a string *s*, return *the number of **unique non-empty substrings** of s are present in base.*

Example 1:

Input: *s* = "a"

Output: 1

Explanation: Only the substring "a" of *s* is in base.

Example 2:

Input: *s* = "cac"

Output: 2

Explanation: There are two substrings ("a", "c") of *s* in base.

Example 3:

Input: *s* = "zab"

Output: 6

Explanation: There are six substrings ("z", "a", "b", "za", "ab", and "zab") of *s* in base.

Constraints:

- $1 \leq s.length \leq 10^5$
- *s* consists of lowercase English letters.