

Description

Solution

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Java

Autocomplete

848. Shifting Letters

Medium

639

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You are given a string `s` of lowercase English letters and an integer array `shifts` of the same length.

Call the `shift()` of a letter, the next letter in the alphabet, (wrapping around so that `'z'` becomes `'a'`).

- For example, `shift('a') = 'b'`, `shift('t') = 'u'`, and `shift('z') = 'a'`.

Now for each `shifts[i] = x`, we want to shift the first `i + 1` letters of `s`, `x` times.

Return *the final string after all such shifts to `s` are applied*.

Example 1:

Input:

s = "abc", shifts = [3,5,9]

Output:

"rpl"

Explanation:

We start with "abc".
After shifting the first 1 letters of s by 3, we have "dbc".
After shifting the first 2 letters of s by 5, we have "igc".
After shifting the first 3 letters of s by 9, we have "rpl", the answer.

Example 2:

Input:

s = "aaa", shifts = [1,2,3]

Output:

"gfd"

Constraints:

- 1 <= s.length <= 10⁵
- s consists of lowercase English letters.
- shifts.length == s.length
- 0 <= shifts[i] <= 10⁹

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class Solution {

public String shiftingLetters(String s, int[] shifts) {

}

}