Number of Substrings Containing All Three Characters

Given a string s consisting only of characters *a*, *b* and *c*.

Return the number of substrings containing **at least** one occurrence of all these characters *a*, *b* and *c*.

Example 1:

Input: s = "abcabc"

Output: 10

Explanation: The substrings containing at least one occurrence of the characters *a*, *b* and *c are "*abc*", "*abca*", "*abcab*", "*abcabc*", "*bca*", "*bcab*", "*bcabc*", "*cab*", "*cabc*"* and *"*abc*"* (**again**).

Example 2:

Input: s = "aaacb"

Output: 3

Explanation: The substrings containing at least one occurrence of the characters *a*, *b* and *c are "*aaacb*", "*aacb*"* and *"*acb*"*.

Example 3:

Input: s = "abc"

Output: 1

Constraints:

- 3 <= s.length <= 5 x 10^4
- s only consists of *a*, *b* or *c* characters.