1003. Check If Word Is Valid After Substitutions

Description

Given a string `s`, determine if it is **valid**.

A string `s` is **valid** if, starting with an empty string `t = ""`, you can **transform** `t` **into** `s` after performing the following operation **any number of times**:

- Insert string `"abc"` into any position in `t`. More formally, `t` becomes t_{left} + "abc" + t_{right}, where $t == t_{left} + t_{right}$. Note that t_{left} and t_{right} may be **empty**.

Return `true` *if* `s` *is a* ***valid*** *string, otherwise, return* `false`.

Example 1:

```
Input: s = "aabcbc"
Output: true
Explanation:
"" -> "abc" -> "a abc bc"
Thus, "aabcbc" is valid.
```

Example 2:

```
Input: s = "abcabcababcc"
Output: true
Explanation:
"" -> "abc" -> "abc abc" -> "abcabc abc" -> "abcabcab abc c"
Thus, "abcabcababcc" is valid.
```

Example 3:

```
Input: s = "abccba"
Output: false
Explanation: It is impossible to get "abccba" using the operation.
```

Constraints:

- $1 <= s.length <= 2 * 10^4$
- `s` consists of letters `'a'`, `'b'`, and `'c'`