

# 2645. Minimum Additions to Make Valid String

## Description

Given a string `word` to which you can insert letters "a", "b" or "c" anywhere and any number of times, return *the minimum number of letters that must be inserted so that `word` becomes valid*.

A string is called **valid** if it can be formed by concatenating the string "abc" several times.

### Example 1:

**Input:** `word = "b"`

**Output:** 2

**Explanation:** Insert the letter "a" right before "b", and the letter "c" right next to "a" to obtain the valid string "a b c".

### Example 2:

**Input:** `word = "aaa"`

**Output:** 6

**Explanation:** Insert letters "b" and "c" next to each "a" to obtain the valid string "a b c a b c a b c".

### Example 3:

**Input:** `word = "abc"`

**Output:** 0

**Explanation:** word is already valid. No modifications are needed.

### Constraints:

- `1 <= word.length <= 50`
- `word` consists of letters "a", "b" and "c" only.

