1446. Consecutive Characters

Easy 559 16 ♡ Add to List Share

Given a string s , the power of the string is the maximum length of a non-empty substring that contains only one unique character.

Return *the power* of the string.

Example 1:

Input: s = "leetcode"
Output: 2
Explanation: The substring "ee" is of length 2 with the character 'e' only.

Example 2:

Input: s = "abbcccddddeeeeedcba"
Output: 5
Explanation: The substring "eeeee" is of length 5 with the character 'e' only.

Example 3:

Input: s = "triplepilloooooow"
Output: 5

Example 4:

Input: s = "hooraaaaaaaaaaay"
Output: 11

Example 5:

Input: s = "tourist"
Output: 1

Constraints:

- `1 <= s.length <= 500`
- `s` contains only lowercase English letters.

Max Consecutive Ones	Easy
Count Number of Homogenous Substrings	Medium

Hide Hint 1 ^

Keep an array power where power[i] is the maximum power of the i-th character.

Hide Hint 2 ^

The answer is max(power[i]).