Easy ⊘ 1.6K 🗘 88



♣ Companies

Given a string text, you want to use the characters of text to form as many instances of the word "balloon" as possible.

You can use each character in text at most once. Return the maximum number of instances that can be formed.

### Example 1:

## nlaebolko

Input: text = "nlaebolko"
Output: 1

## Example 2:

# loonbalxballpoon

Input: text = "loonbalxballpoon"
Output: 2

## Example 3:

Input: text = "leetcode"
Output: 0

#### Constraints:

- 1 <= text.length <= 10<sup>4</sup>
- text consists of lower case English letters only.

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we need even no. of occurrences of l and o to form any x no. of balloons. ie. If x l's are there Then we can create 2/2 balloons

The most simple and conscise code is

unordered set S

for (auto i : text.)
m [P] ++

return min (m[a], min (m[b], min (m[b], min (m[b]), min (m[b]), min (m[b]))))

S(w):O(w)J(w):O(w)

note: if a key is not there in map and we access it using [] Then it will create that key and assign is-fault value D.

if any of the character of balloon is not at all there in input string text then m[] will give o and hence overall min becomes o & o is returned.