# Problem 819: Most Common Word

## Problem Information

**Difficulty:** Easy
**Acceptance Rate:** 44.85%
**Paid Only:** No
**Tags:** Array, Hash Table, String, Counting

## Problem Description

Given a string `paragraph` and a string array of the banned words `banned`, return _the most frequent word that is not banned_. It is **guaranteed** there is **at least one word** that is not banned, and that the answer is **unique**.

The words in `paragraph` are **case-insensitive** and the answer should be returned in **lowercase**.

**Note** that words can not contain punctuation symbols.

**Example 1:**

**Input:** paragraph = "Bob hit a ball, the hit BALL flew far after it was hit.", banned = ["hit"]
**Output:** "ball" **Explanation:** "hit" occurs 3 times, but it is a banned word. "ball" occurs twice (and no other word does), so it is the most frequent non-banned word in the paragraph. Note that words in the paragraph are not case sensitive, that punctuation is ignored (even if adjacent to words, such as "ball,"), and that "hit" isn't the answer even though it occurs more because it is banned.

**Example 2:**

**Input:** paragraph = "a.", banned = [] **Output:** "a"

**Constraints:**

* `1 <= paragraph.length <= 1000` * paragraph consists of English letters, space `' '`, or one of the symbols: `"!?',;."`. * `0 <= banned.length <= 100` * `1 <= banned[i].length <= 10` *

`banned[i]` consists of only lowercase English letters.

## Code Snippets

**C++:**

```cpp
class Solution {
public:
string mostCommonWord(string paragraph, vector<string>& banned) {


}
};
```

**Java:**

```java
class Solution {
public String mostCommonWord(String paragraph, String[] banned) {


}
}
```

**Python3:**

```python
class Solution:
def mostCommonWord(self, paragraph: str, banned: List[str]) -> str:
```