Problem 3121: Count the Number of Special Characters II

Problem Information

Difficulty: Medium
Acceptance Rate: 42.84%
Paid Only: No
Tags: Hash Table, String

Problem Description

You are given a string `word`. A letter `c` is called **special** if it appears **both** in lowercase and uppercase in `word`, and **every** lowercase occurrence of `c` appears before the **first** uppercase occurrence of `c`.

Return the number of __**special** letters __ in __`word`.

Example 1:

Input: word = "aaAbcBC"

Output: 3

Explanation:

The special characters are `'a'`, `'b'`, and `'c'`.

Example 2:

Input: word = "abc"

Output: 0

Explanation:

There are no special characters in `word`.

Example 3:

Input: word = "AbBCab"

Output: 0

Explanation:

There are no special characters in `word`.

Constraints:

* `1 <= word.length <= 2 * 105` * `word` consists of only lowercase and uppercase English letters.

Code Snippets

C++:

```cpp
class Solution {
public:
int numberOfSpecialChars(string word) {

}
};
```

Java:

```java
class Solution {
public int numberOfSpecialChars(String word) {

}
}
```

Python3:

```python
class Solution:
def numberOfSpecialChars(self, word: str) -> int:
```