Count Me

Problem Statement

You will be given a sentence S that contains words with lowercase and uppercase English alphabets separated by spaces. You need to determine which word occurs the most times and also provide the count of that word.

Note: If there are multiple words that occur the most, print the first word that reaches the maximum count before others.

Input Format

- First line will contain T, the number of test cases.
- Each test case will contain the sentence S.

Constraints

1. $1 \leq T \leq 10^3$
2. $1 \leq |S| \leq 10^4$, Here $|S|$ means the length of S.

Output Format

- Output the word and the count that occurs the most.

Sample Input 0

```
1
Ratul loves to play football when he gets time but Ratul is not a good player so his teacher asked Ratul if he
can play with him so that Ratul can progress
```

Sample Output 0

```
Ratul 4
```

Sample Input 1

```
2
ratul piyush fohad shuvo rafi piyush fohad ratul
jony jony yes papa eating sugar no papa telling lies no papa open your mouth ha ha ha
```

Sample Output 1

```
piyush 2
papa 3
```

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C++20

```cpp
#include <bits/stdc++.h>
using namespace std;

int main(){

    int test;
    cin >> test;
    for(int i = 1; i <= test; i++){
        string sentence;
        cin.ignore();
        getline(cin, sentence);

        string word;
        stringstream ss(sentence);
        map<string,int> mp;

        string answer;
        int best = 0;

        while(ss >> word){
            mp[word]++;

            if(best < mp[word]){
                answer = word;
                best = mp[word];
            }

        }
        cout << answer << " " << best << endl;
    }

    return 0;
}
```

Line: 1 Col: 1

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