

<https://course.acciojob.com/idle?question=c790c265-0a43-418d-b16c-ea23cda5d42c>

● EASY

● Max Score: 20 Points

●

Count words in a given string

You are given a string containing some space-separated words. You need to count the number of words in the string.

NOTE

You need to complete the given function. The input and printing of output will be handled by the driver code.

Input Format

The first line contains the number of test cases.

For each test case: The first line has the string S.

Output Format

For each test case return the number of words.

Example 1

Input:

```
1
this is a sample string
```

Output

5

Explanation

There are five words which are 'this' , 'is' , 'a' , 'sample' , 'string'.

Example 2

Input

```
1
gear five
```

Output

```
2
```

Explanation

The two words that are present here are 'gear', and 'five'.

Constraints:

```
1 <= T <= 10
1 <= |S| <= 10000
```

Topic Tags

- **Strings**

My code

```
// n java
import java.io.*;
import java.lang.*;
import java.util.*;
```

```
class Main {

    public static void main(String[] args) {
        Scanner sc = new Scanner(System.in);
        int t = sc.nextInt();
        String p = sc.nextLine();
        while (t > 0) {
            String s = sc.nextLine();
            System.out.println(countWords(s));
            t--;
        }
    }

    public static int countWords(String s) {
        // your code here
        s=s.trim();
        int c=1;
        int n=s.length();
        for(int i=0;i<n;i++)
            if(s.charAt(i)==' ')
                c++;
        return c;
    }
}
```