



Java String Tokens ☆

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Given a string, s , matching the regular expression $[A-Za-z !, ? . _ ' @]^+$, split the string into tokens. We define a token to be one or more consecutive English alphabetic letters. Then, print the number of tokens, followed by each token on a new line.

Note: You may find the [String.split](#) method helpful in completing this challenge.

Input Format

A single string, s .

Constraints

- $1 \leq \text{length of } s \leq 4 \cdot 10^5$
- s is composed of any of the following: English alphabetic letters, blank spaces, exclamation points (!), commas (,), question marks (?), periods (.), underscores (_), apostrophes ('), and at symbols (@).

Output Format

On the first line, print an integer, n , denoting the number of tokens in string s (they do not need to be unique). Next, print each of the n tokens on a new line in the same order as they appear in input string s .

Sample Input

```
He is a very very good boy, isn't he?
```

Sample Output

```
10
He
is
a
very
very
good
boy
isn
t
he
```

Explanation

We consider a token to be a contiguous segment of alphabetic characters. There are a total of **10** such tokens in string s , and each token is printed in the same order in which it appears in string s .

Author Shafaet

Difficulty Easy

Max Score 15

Submitted By 92522

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Java 8



```
1 import java.io.*;
2 import java.util.*;
3
4 public class Solution {
5
6     public static void main(String[] args) {
7         Scanner scan = new Scanner(System.in);
8         String s = scan.nextLine();
9
10        if (s.trim().isEmpty()) {
11            System.out.println("0");
12            return;
13        }
14
15        // Write your code here.
16        String regex = "[! , ? . _ ' @ ]+";
17        s = s.trim();
18
19        if (s.isEmpty()) {
20            System.out.println("0");
21            return;
22        }
```

23

24

```
s = s.replaceAll("^\\W+", "");
```

Line: 1 Col: 1

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