



Java String Tokens



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Problem

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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.

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 .





Submissions: 24227




Max Score: 15

Difficulty: Easy

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Java 7   

```
5 import java.io.*;
6 import java.util.*;
7
8 public class Solution {
9
10     public static void main(String[] args) {
11         Scanner scan = new Scanner(System.in);
12         String s = scan.nextLine();
13         // Write your code here.
14         scan.close();
15     }
16 }
17
```

Line: 1 Col: 1

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