Maximum occurrence

Attempted by: **2620** / Accuracy: **88%** / Maximum Score: **20** / 646 Votes

Tag(s): Ad-Hoc, Basic Programming, Easy

You are given a string which comprises of lower case alphabets (a-z), upper case alphabets (A-Z), numbers, (0-9) and special characters like **!,-.;** etc.

You are supposed to find out **which character occurs the maximum number of times and the number of its occurrence,** in the given string. If two characters occur equal number of times, you have to output the character with the lower ASCII value.

For example, if your string was: **aaaaAAAA**, your output would be: **A 4**, because **A has lower ASCII value than a.**

Input format:
The input will contain a string.

Output format:
You've to output two things which will be separated by a space:
i) The character which occurs the maximum number of times.
ii) The number of its occurrence.

Constraints:
The maximum length of the string can be **1000.**

SAMPLE INPUT

```
Pulkit is a dog!!!!!!!!!!!!
```

SAMPLE OUTPUT

```
! 12
```

Time Limit:	1.0 sec(s) for each input file.
Memory Limit:	256 MB
Source Limit:	1024 KB
Marking Scheme:	Marks are awarded when all the testcases pass.
Allowed Languages:	C, C++, Clojure, C#, D, Erlang, F#, Go, Groovy, Haskell, Java, Java 8, JavaScript(Rhino), JavaScript(Node.js), Lisp, Lisp (SBCL), Lua, Objective-C, OCaml, Octave, Pascal, Perl, PHP, Python, Python 3, R(RScript), Racket, Ruby, Rust, Scala, Scala 2.11.8, Swift, Visual Basic