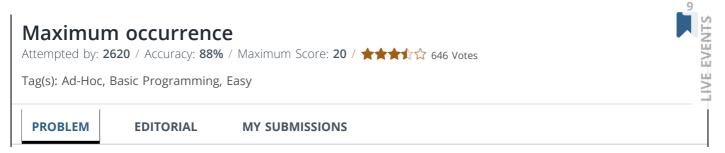


All Tracks > Data Structures > Hash Tables > > Problem



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:

1.0 sec(s) for each input file.

- i) The character which occurs the maximum number of times.
- ii) The number of its occurrence.

Constraints:

Time Limit:

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



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