

# String Basics

Aug 26, 2017, 10:30 AM IST - Aug 28, 2017, 05:30 PM IST

INSTRUCTIONS   PROBLEMS   SUBMISSIONS   JUDGE

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## Sumit's String

Max. score: 4

This problem is no longer available for practice. Apology for any inconvenience!

PROBLEM   EDITORIAL   MY SUBMISSIONS

Given a string 'S' , u need to tell whether it is 'sumit's string or not'.

A string is called 'Sumit's String' , if distance between adjacent character is 1.

Consider that the alphabets are arranged in cyclic manner from 'a' to 'z'. distance between any character 'x' and 'y' will be defined as minimum number of steps it takes 'x' to reach 'y'. Here, character 'x' can start moving clockwise or anti-clockwise in order to reach at position where character 'y' is placed.

Print 'YES' if it is Sumit's string else print 'NO', for each yest case.

Input :

- test cases, t
- string , s

Output:

Desired O/p

Constraints :

- string length<=250
- string has only lower case letters

SAMPLE INPUT	SAMPLE OUTPUT
3	YES
aba	NO
zza	YES
bcd	

Explanation

Sample Case 1: 'aba' is a Sumit's string , since all the adjacent characters are exactly 1 unit of distance apart.

Sample Case 2: 'zza' is not a Sumit's string since 'z' and 'z' are at the same position and hence 0 distance apart.

Time Limit:	1.0 sec(s) for each input file.
Memory Limit:	256 MB
Source Limit:	1024 KB
Marking Scheme:	Score is assigned if any testcase passes.
Allowed Languages:	Bash, C, C++, C++14, C++17, Clojure, C#, D, Erlang, F#, Go, Groovy, Haskell, Java, Java 8, Java 14, JavaScript(Rhino), JavaScript(Node.js), Julia, Kotlin, Lisp, Lisp (SBCL), Lua, Objective-C, OCaml, Octave, Pascal, Perl, PHP, Python, Python 3, Python 3.8, R(RScript), Racket, Ruby, Rust, Scala, Swift-4.1, Swift, TypeScript, Visual Basic

