



Hello sampreet!
Account or Log Out

[PRACTICE](#)[COMPETE](#)[DISCUSS](#)[COMMUNITY](#)[HELP](#)[ABOUT](#)

[Home](#) » [Practice\(Easy\)](#) » [Lapindromes](#)

Lapindromes

Problem code: LAPIN

[ALL SUBMISSIONS](#)[MY SUBMISSIONS](#)[SUBMIT](#)[Tweet](#)[Like](#)[Share](#)

One person likes this. Be the first of your friends.

All submissions for this problem are available.**SUCCESSFUL SUBMISSIONS**

Lapindrome is defined as a string which when split in the middle, gives two halves having the same characters and same frequency of each character. If there are odd number of characters in the string, we ignore the middle character and check for lapindrome. For example **gaga** is a lapindrome, since the two halves **ga** and **ga** have the same characters with same frequency. Also, **abccab**, **rotor** and **xyzxy** are a few examples of lapindromes. Note that **abbaab** is NOT a lapindrome. The two halves contain the same characters but their frequencies do not match.

Your task is simple. Given a string, you need to tell if it is a lapindrome.

Input:

First line of input contains a single integer **T**, the number of test cases.

Each test is a single line containing a string **S** composed of only lowercase English alphabet.

Output:

For each test case, output on a separate line: "YES" if the string is a lapindrome and "NO" if it is not.

Constraints:

- $1 \leq T \leq 100$
- $2 \leq |S| \leq 1000$, where $|S|$ denotes the length of **S**

Example:**Input:**

```
6
gaga
abcde
rotor
xyzxy
abbaab
ababc
```

Output:

```
YES
NO
YES
YES
NO
NO
```

Author:	vamsi_kavala
Tester:	tuananh93
Editorial:	http://discuss.codechef.com/problems/LAPIN
Tags:	ad-hoc cakewalk june13 vamsi_kavala
Date Added:	1-05-2013
Time Limit:	1 sec
Source Limit:	50000 Bytes
Languages:	ADA, ASM, BASH, BF, C, C99 strict, CAML, CLOJ, CLPS, CPP 4.3.2, CPP 4.9.2, CPP14, CS2, D, ERL, FORT, FS, GO, HASK, ICK, ICON, JAVA, JS, LISP clisp, LISP sbcl, LUA, NEM, NICE, NODEJS, PAS fpc, PAS gpc, PERL, PERL6, PHP, PIKE, PRLG, PYTH, PYTH 3.1.2, RUBY, SCALA, SCM guile, SCM qobi, ST, TCL, TEXT, WSPC

SUBMIT**Comments** ▶

[CodeChef is a non-commercial competitive programming community](#)

[About CodeChef](#) | [About Directi](#) | [CEO's Corner](#) | [C-Programming](#) | [Programming Languages](#) | [Contact Us](#)

© 2009 Directi Group . All Rights Reserved. CodeChef uses SPOJ © by Sphere Research Labs
In order to report copyright violations of any kind, send in an email to copyright@codechef.com

Directi
Intelligent People. Unlimited Ideas.

The time now is: 12:57:41 PM
Your IP : 14.139.196.3

