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# Palpal Strings

 Problem Code: **PALPALS**

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A string is called a *Palpal string* if it can be divided into contiguous substrings such that:

- Each character of the whole string belongs to exactly one substring.
- Each of these substrings is a palindrome with length greater than 1.

For example, "abbbaddzcz" is a Palpal string, since it can be divided into "abbba", "dd" and "zcz".

You are given a string  $s$ . You may rearrange the characters of this string in any way you choose. Find out if it is possible to rearrange them in such a way that you obtain a Palpal string.

## Input

- The first line of the input contains a single integer  $T$  denoting the number of test cases. The description of  $T$  test cases follows.
- The first and only line of each test case contains a single string  $s$ .

## Output

For each test case, print a single line containing the string "YES" if the characters of  $s$  can be rearranged to form a Palpal string or "NO" if it is impossible (without quotes).

You may print each character of each string in uppercase or lowercase (for example, the strings "yEs", "yes", "Yes" and "YES" will all be treated as identical).

## Constraints

- $1 \leq T \leq 10^5$
- $1 \leq |s| \leq 100$
- $s$  contains only lowercase English letters
- the sum of  $|s|$  over all test cases does not exceed  $10^6$

## Subtasks

**Subtask #1 (100 points):** original constraints

## Example Input

```
3
acbbbadzdz
abcd
xyxyxy
```

## Example Output

```
YES
NO
YES
```

## Explanation

**Example case 1:** The string "acbbbadzdz" can be rearranged to "abbbaddzcz", which is the Palpal string mentioned above.

**Example case 2:** It can be shown that "abcd" cannot be rearranged to form a Palpal string.

**Example case 3:** The string "xyxyxy" is already a Palpal string, since it can be divided into "xyx" and "yxy".

## Submission Ends In

17	40
Min	Sec

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Author: [3★ jeevanjyot](#)

Date Added: 22-02-2021

Time Limit: 0.5 secs

Source Limit: 50000 Bytes

Languages: CPP14, C, JAVA, PYTH 3.6, PYTH, CS2, ADA, PYPY, PYP3, TEXT, CPP17, PAS fpc, RUBY, PHP, NODEJS, GO, TCL, HASK, PERL, SCALA, kotlin, BASH, JS, PAS gpc, BF, LISP sbcl, CLOJ, LUA, D, R, CAML, rust, ASM, FOR, FS, LISP clisp, SQL, swift, SCM guile, PERL6, CLPS, WSPC, ERL, ICK, NICE, PRLG, ICON, PIKE, COB, SCM chicken, SCM qobi, ST, NEM, SQLQ

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