Codeforces and Polygon may be unavailable between Aug. 17, 19:00 (UTC) to Aug. 17, 22:00 (UTC) due to planned power outages. ×



# A. Square String?

time limit per test: 1 second
memory limit per test: 256 megabytes
input: standard input
output: standard output

A string is called *square* if it is some string written twice in a row. For example, the strings "aa", "abcabc", "abab" and "baabaa" are square. But the strings "aaa", "abaaab" and "abcdabc" are not square.

For a given string $s$ determine if it is square.

## Input

The first line of input data contains an integer $t$ ($1 \le t \le 100$) —the number of test cases.

This is followed by $t$ lines, each containing a description of one test case. The given strings consist only of lowercase Latin letters and have lengths between $1$ and $100$ inclusive.

## Output

For each test case, output on a separate line:

- YES if the string in the corresponding test case is square,
- NO otherwise.

You can output YES and NO in any case (for example, strings yEs, yes, Yes and YES will be recognized as a positive response).

### Example

**input** Copy

```
10
a
aa
aaa
aaaa
abab
abcabc
abacaba
xxyy
xyyx
xyxy
```

**output** Copy

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

Codeforces Round #762 (Div. 3)
Finished

→ Virtual participation

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Start virtual contest

→ Problem tags

implementation strings *800

No tag edit access

→ Contest materials

- problem-f-example.zip
- problem-f-solution.zip
- Announcement
- Tutorial (en)

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