

Check String

Given a string S , write a program to check if all the characters of the string are same or not.

Input:

The first line of input contains a single integer T which denotes the number of test cases. Then T test cases follows. First line of each test case contains a string S.

Output:

For each test case print "YES" without quotes if all the characters of the string S are same otherwise print "NO".

Constraints:

$1 \leq T \leq 100$

$1 \leq \text{length}(S) \leq 10^4$

Example:

Input:

2

geeks

gggg

Output:

NO

YES