A. Quasi-palindrome

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

Let *quasi-palindromic* number be such number that adding some leading zeros (possible none) to it produces a palindromic string. String *t* is called a palindrome, if it reads the same from left to right and from right to left. For example, numbers 131 and 2010200 are *quasi-palindromic*, they can be transformed to strings "131" and "002010200", respectively, which are palindromes. You are given some integer number *x*. Check if it's a *quasi-palindromic* number.

Input

The first line contains an integer T ($1 \leq T \leq 100$), T being the number of test cases. In the next T lines,
each line one integer number *x* ($1 \leq x \leq 10^9$). This number is given without any leading zeroes.

Output

For each integer x, Print "YES" if number *x* is *quasi-palindromic*. Otherwise, print "NO" (without quotes).

Sample Input	Sample Input
3 131 320 2010200	YES NO YES