CODECHEF Certified
Data Structure & Algorithms Programme (CCDSAP)

EXAM DATE **26** **AUGUST** **2018**

KNOW MORE

Chef and digits of a number | Problem Code: **LONGSEQ**

Tweet   Like   Share   Sign Up to see what your friends like.

All submissions for this problem are available.

Read problems statements in Mandarin Chinese, Russian and Vietnamese as well.

Chef has a number **D** containing only digits 0's and 1's. He wants to make the number to have all the digits same. For that, he will change **exactly** one digit, i.e. from 0 to 1 or from 1 to 0. If it is possible to make all digits equal (either all 0's or all 1's) by flipping exactly 1 digit then output "Yes", else print "No" (quotes for clarity)

Input

The first line will contain an integer **T** representing the number of test cases.

Each test case contain a number made of only digits 1's and 0's on newline

Output

Print T lines with a "Yes" or a "No", depending on whether its possible to make it all 0s or 1s or not.

Constraints

Subtask #1: (40 points)

- $1 \leq T \leq 50$
- $1 \leq$ Length of the number D ≤ 50

Subtask #2: (60 points)

- $1 \leq T \leq 10$
- $1 \leq$ Length of the number D $\leq 10^5$

Example

```
Input:
2
101
11
Output:
Yes
No
```

All Submissions

Successful Submissions +

Explanation

Example case 1. In 101, the 0 can be flipped to make it all 1..

Example case 2. No matter whichever digit you flip, you will not get the desired string.

Author:	`2★` chandubaba
Tester:	`4★` dpraveen
Editorial:	http://discuss.codechef.com/problems/LONGSEQ
Tags:	ad-hoc, cakewalk, chandubaba, sept16, string
Date Added:	24-01-2016
Time Limit:	1 secs
Source Limit:	50000 Bytes
Languages:	C, CPP14, JAVA, PYTH, PYTH 3.5, PYPY, CS2, PAS fpc, PAS gpc, RUBY, PHP, GO, NODEJS, HASK, SCALA, D, PERL, FORT, WSPC, ADA, CAML, ICK, BF, ASM, CLPS, PRLG, ICON, SCM qobi, PIKE, ST, NICE, LUA, BASH, NEM, LISP sbcl, LISP clisp, SCM guile, JS, ERL, TCL, PERL6, TEXT, SCM chicken, CLOJ, FS

Comments ▶

CodeChef - A Platform for Aspiring Programmers

CodeChef was created as a platform to help programmers make it big in the world of algorithms, **computer programming** and **programming contests**. At CodeChef we work hard to revive the geek in you by hosting a **programming contest** at the start of the month and another smaller programming challenge in the middle of the month. We also aim to have training sessions and discussions related to **algorithms**, **binary search**, technicalities like **array size** and the likes. Apart from providing a platform for **programming competitions**, CodeChef also has various algorithm tutorials and forum discussions to help those who are new to the world of **computer programming**.

Practice Section - A Place to hone your 'Computer Programming Skills'

Try your hand at one of our many practice problems and submit your solution in a language of your choice. Our **programming contest** judge accepts solutions in over 35+ programming languages. Preparing for coding contests were never this much fun! Receive points, and move up through the CodeChef ranks. Use our practice section to better prepare yourself for the multiple **programming challenges** that take place through-out the month on CodeChef.

Compete - Monthly Programming Contests and Cook-offs

Here is where you can show off your **computer programming skills**. Take part in our 10 day long monthly coding contest and the shorter format Cook-off **coding contest**. Put yourself up for recognition and win great prizes. Our **programming contests** have prizes worth up to INR 20,000 (for Indian Community), $700 (for Global Community) and lots more CodeChef goodies up for grabs.

Programming Tools	Practice Problems	Initiatives
Online IDE	Easy	Go for Gold
Upcoming Coding Contests	Medium	CodeChef for Schools
Contest Hosting	Hard	Campus Chapters
Problem Setting	Challenge	