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Is It Valid

Problem Submissions Leaderboard Discussions

Problem Statement

Given a string ${\it S}$ containing just the characters ${\it 0}$ and ${\it 1}$, determine if the input string is valid.

An input string is valid if the string is empty after doing some operatios. The available operations are:

- 1.0 can delete its previous available character 1 along with itself. If there is no 1 available to delete, it will not delete itself.
- 2. 1 can delete its previous available character 0 along with itself. If there is no 0 available to delete, it will not delete itself.

Input Format

- First line will contain T, the number of test cases.
- Next T lines will contain the string S.

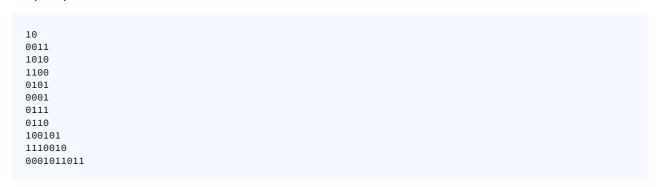
Constraints

- 1. $1 \le T \le 1000$
- 2. $1 \leq |S| \leq 1000$. Here |S| means the length of the string.

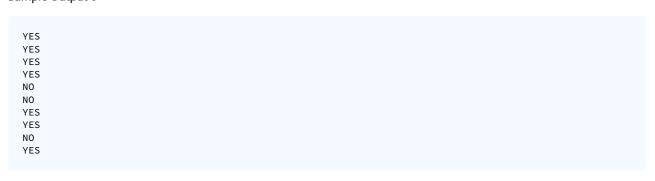
Output Format

• Output YES if the string is valid, otherwise NO.

Sample Input 0



Sample Output 0



Submissions: 430
Max Score: 20
Difficulty: Easy

Rate This Challenge:

```
More
                                                                                                     X | Ø
                                                                            C++20
   1 ▼#include <bits/stdc++.h>
   3 using namespace std;
   4
   5
   6
     int main()
   7
   8 ▼{
          // Write your code here
  9
  10
          return 0;
  11
  12
     }
  13
                                                                                                    Line: 1 Col: 1
<u>♣ Upload Code as File</u> Test against custom input
                                                                                      Run Code
```

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