Your Is It Valid submission got 20.00 points.
Try the Next Challenge | Contest Leaderboard

Is It Valid

Problem	Submissions	Leaderboard	Discussions

Problem Statement

Given a string S containing just the characters 0 and 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.

Note: You need to solve it using STL Stack or Queue only.

Input Format

• First line will contain T, the number of test cases.

• Next T lines will contain the string S.

Constraints

1. $1 \leq T \leq 1000$

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

```
10
0011
1010
1100
0101
0001
0111
0110
100101
1110010
0001011011
```

Sample Output 0

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

C++20

```cpp
1  #include <bits/stdc++.h>
2
3  using namespace std;
4
5
6
7  int main()
8  {
9      // Write your code here
10
11     return 0;
12 }
13
```

Line: 1 Col: 1

⬆ Upload Code as File   ☐ Test against custom input   Run Code   Submit Code