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Cookies and Milk

locked

by [bachkarakash](#)[Problem](#)[Submissions](#)[Leaderboard](#)[Discussions](#)

Vivek loves eating *cookies*, and drinking *milk*. For this reason he often visits kitchen. Vivek is going to spend N minutes in the kitchen. Each minute he either eats a cookie or drinks milk. Cookies are very sweet and thus Vivek's parents have instructed him, that after eating a cookie, he has to drink milk in the next minute.

You are given whether he ate a cookie or drank milk in each of the N minutes. Your task is to check if Vivek followed his parents' instructions. That is, you need to verify whether after each eaten cookie he drinks milk in the next minute. Print *YES* or *NO* for each test case accordingly.

Input Format

The first line of the input contains an integer T denoting the number of test cases. The description of T test cases follows.

The first line of each test case contains an integer N denoting the number of minutes.

The second line of a test case contains N space-separated strings S_1, S_2, \dots, S_N . The string S_i is either "cookie" (if Vivek eats a cookie in the i -th minute) or "milk" (otherwise).

Constraints

$1 \leq T \leq 50$ $1 \leq N \leq 50$ Each S_i is either "cookie" or "milk" (without the quotes).

Output Format

For each test case, output a single line containing the answer — *YES* if Limak followed his parents' instructions, and *NO* otherwise, both without the quotes.

Sample Input 0

```
4
7
cookie milk milk cookie milk cookie milk
5
cookie cookie milk milk milk
4
milk milk milk milk
1
cookie
```

Sample Output 0

```
YES
```

NO
YES
NO





Submissions: 12
Max Score: 10
Difficulty: Easy

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Current Buffer (saved locally, editable)  

C++ 

```
1 #include <cmath>
2 #include <cstdio>
3 #include <vector>
4 #include <iostream>
5 #include <string>
6 #include <algorithm>
7 using namespace std;
8
9 int main() {
10     /* Enter your code here. Read input from STDIN. Print output to STDOUT */
11     int t,n;
12     char a[100],b[100];
13     cin>>t;
14     while(t!=0)
15     {
16         cin>>n;
17         for(int i=0;i<n;i++)
18         {
19             cin>>(char)a[i];
20         }
21         for(int i=0;i<n;i++)
22         {
23             if(a[i]=='c'&&a[i+1]=='m')
24             {
25                 b[i]='1';
26             }
27             else
28             {
29                 b[i]='0';
30             }
31         }
32         t--;
33     }
34     for(int i=0;i<t;i++)
35     {
36         if(b[i]==1)
37         {
38             cout<<"Yes"<<endl;
39         }
40         else
41         {
42             cout<<"No"<<endl;
43         }
44     }
45     }
46     return 0;
47 }
48
49
50
51
52
```

Line: 1 Col: 1

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Test against custom input

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