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rudhran_b_2020_1 ▾

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PL-2020-C-What is your mobile number?

locked

Problem

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These days Bechan Chacha is depressed because his crush gave him list of mobile number some of them are valid and some of them are invalid. Bechan Chacha has special power that he can pick his crush number only if he has valid set of mobile numbers. Help him to determine the valid numbers.

You are given a string "S" and you have to determine whether it is Valid mobile number or not. Mobile number is valid only if it is of length 10 , consists of numeric values and it shouldn't have prefix zeroes.

Input Format

First line of input is T representing total number of test cases. Next T line each representing "S" as described in in problem statement.

Constraints

$1 \leq T \leq 10^3$ sum of string length $\leq 10^5$

Output Format

Print "YES" if it is valid mobile number else print "NO". Note: Quotes are for clarity.

Sample Input 0

```
3
1234567890
0123456789
0123456.87
```

Sample Output 0

```
YES
NO
NO
```

Submissions: 1186

Max Score: 100

Difficulty: Medium

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C ▾



```
1 #include <stdio.h>
2 #include <string.h>
3 #include <math.h>
4 #include <stdlib.h>
5
6 int main() {
7
8     /* Enter your code here. Read input from STDIN. Print output to STDOUT */
9     int t,i,j,x,n=11;
10    char a[n];
11    scanf("%d",&t);
12    for(i=0;i<t;i++)
13    {
14        scanf("%s",a);
15        x=strlen(a);
16        if(x!=10)
17        {
18            printf("NO\n");
19            continue;
20        }
21        if(a[0]=='0')
22        { printf("NO\n");
23          continue;
24        }
25        for(j=1;j<10;j++)
26        {
27            if (!isdigit(a[j])) {
28                printf("NO\n");
29                continue;
30            }
31        }
32        printf("YES\n");
33    }
34    return 0;
35 }
36
37
38
39
```

Line: 1 Col: 1

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Run Code

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