Description   **My Submissions**   **Hints/Editorial**   **AC Submissions**   **My Notes (0)**

Set AZ101

🔖   **?** Ask Doubt

⏱ Time-Limit: 1 sec   ✎ Score: 100.00/100   <u>Difficulty :</u> ⭐

💾 Memory: 256 MB   ✓ Accepted Submissions: 100

Description

You are given Q queries and have to perform the following operations:

1. add x - add element x in the set
2. erase x - delete element with value x, if it exists
3. find x - if x is present print "YES", else print "NO"
4. print - print the values in set
5. empty - empty the set

Input Format

The first line of the input contains one integer T - the number of test cases. Then T test cases follow.

The first line of each test case contains one integer Q - the number of queries.

Each of the next Q ines contains queries.

Output Format

For each test case, print the required queries.

Constraints

$1 \leq T \leq 10^5$

$1 \leq Q \leq 10^5$

$1 \leq X \leq 10^6$

It is guaranteed that the sum of Q over all test cases does not exceed 10^5.

Sample Input 1

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```
1
7
add 3
add 2
add 7
print
find 2
erase 2
find 2
```

<u>C++14[GCC]</u> ▾

🔄   🗐   ⬆   **Submit**

```
1
```