Multiset AZ101

? Ask Doubt

Time-Limit: 1 sec Score: 100.00/100 Difficulty :

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 one element with value x, if it exists
3. eraseall x - delete all elements with value x, if it exists
4. find x - if x is present print “YES”, else print “NO”
5. count x - print the number of times x occurs in the set
6. print - print the values in set
7. 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 lines contains queries.

The combination of print and n does not exceed 10^8.

Output Format

For each test case, print the required queries.

Constraints

$1 \le T \le 10^5$

$1 \le Q \le 10^5$

$1 \le X \le 10^6$

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

Sample Input 1

Copy

```
1
13
add 3
add 1
add 5
```

C++14[GCC]

Submit

```
1
```