# ADAlab Online Judge

♠ Home

## Problems



-/⊷ Status

■ Ranbx101109107 ▼



- I i: Insert. Insert one integer i to the integer set.
- R i: Remove. Remove one integer i from the integer set. (If the integer set don't have any integer i, don't do anything.)
- C i: Count. Count the occurrence of integer i in the integer set, **output** the number. (If the integer set doesn't have any integer i, output "0".)

### Input

The first line is an integer n, being the number of operations. Following n lines, each line contains one operation described above.

#### Restrictions

- 1 < n < 5000
- $1 \leq i \leq 10^{18}$  for every i in all operations

#### Note that:

ullet In single testcase, the integers i of "Insert" operations may duplicate.

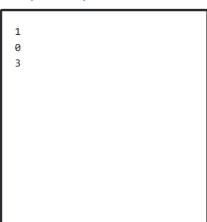
## Output

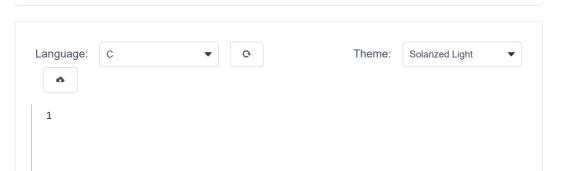
For each "Count" operation, output one line.

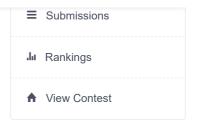
# Sample Input 1 🖹

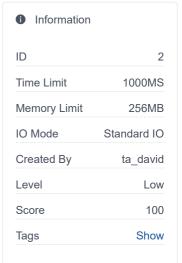
11	
I 7	
I 5	
I 4	
C 5	
R 5	
R 5	
C 5	
I 5	
I 5	
I 5	
C 5	

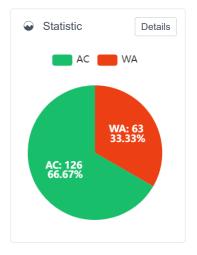
## Sample Output 1

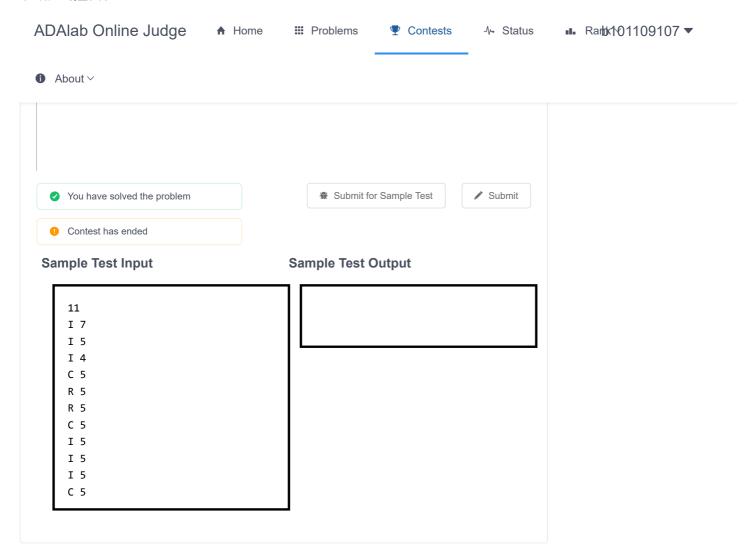












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