



(/en/),  
v1.1.0

CSD Testing System

(/en/),

# The quantity of a number's occurrences in an array

Cost: 8 | Solved: 123

**Memory limit:** 256 MBs

**Time limit:** 1 s

**Input:** input.txt

**Output:** output.txt

## Task:

You are given a sorted array of  $n$  integer elements which contains repeated numbers.

You have to find out how many times the number  $k$  appears in an array.

## Input:

The first line contains a natural  $n$  ( $1 \leq n \leq 10^5$ ) – the quantity of elements of the array.

The second line contains  $n$  numbers – the elements of the array.

The third line contains a natural number  $m$  ( $1 \leq m \leq 10^5$ ) – the quantity of number queries.

The next  $m$  lines contain a number  $k$  (the values of  $k$  on different lines can be the same).

## Output:

For every query you have to write the quantity of the element's occurrences or write «Not found» if such element doesn't exist.

*The output for each query should be written on a new line.*

## Example:

Input	Output

10	
1 1 1 8 8 8 8 8 8 9	
6	Not found
11	6
8	6
8	6
8	6
8	3
1	