Find Frequency

Given an array **arr** of size **n**. Find the frequency of each of the numbers.

Input Format

The first line contains an integer **n** denoting the size of the array.
The second line contains n space-separated integers describing the array's elements.

Constraints

n>0
a[0]>0, ... , a[n-1]>0

Output Format

Print the number of times (i.e., frequency) occur for each of the distinct integers in array.
Consider, there are **m** distinct integers N_1, N_2,..., N_m such that frequencies are F_1, F_2,..., F_m respectively.
Then print
N_1 : F_1
N_2 : F_2
upto
N_m : F_m

Sample Input 0

```
10
1 2 10 1 9 1 2 77 1 10
```

Sample Output 0

```
1 : 4
2 : 2
10 : 2
9 : 1
77 : 1
```