Nth Number Found

Problem Statement

Write a program that prints the 4th largest unique value in a fixed sized array of integers. To make things simple, the array will always have 10 integer values.

Constraints:
Any integer within the array will be less than 100.

Input Format

The first line of input contains a single integer **P, (1 ≤ P ≤ 1000)**, which is the number of data sets that follow. Each data set consists of a single line containing the data set number, followed by a space, followed by 10 space separated decimal integers whose values are between 1 and 1000 inclusive.

Output Format

For each data set, generate one line of output with the following values: The data set number as a decimal integer, a space, and the 4th largest value of the corresponding 10 integers.

Sample Input

```
4
1 1 2 3 4 5 6 7 8 9 1000
2 338 304 619 95 343 496 489 116 98 127
3 931 240 986 894 826 640 965 833 136 138
4 940 955 364 188 133 254 501 122 768 408
```

Sample Output

```
1 7
2 343
3 894
4 501
```