## Nth greater value

For this problem, you will write a program that prints the Nth largest value in a fixed sized array of
integers. To make things simple, N will be 3 and the array will always be have 10 decimal integer
values.

## Input

The first line of input contains a single integer $P,(1 \leq P \leq 1000)$, 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

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 3rd largest value of the corresponding 10 integers.

## Example

Input:
4
11234567891000
23383046199534349648911698127
3931240986894826640965833136138
4940955364188133254501122768408

## Output:

18

