

Largest Number

Description

Find the largest number from the given input.

Input

Your program is to read from standard input. The input consists of T test cases. The number of test cases T is given in the first line of input. Each test case starts with a line giving the number of inputs N ($0 < N \leq 20$). Then, on the next line the values k of the N inputs are given, each k separated by a space ($-100 \leq k \leq 100$).

Output

Your program is to write to standard output. For each test case you should print the largest number from the given input.

Sample

Input

```
2
7
3 43 -23 10 -6 23 -99
4
62 83 -23 100
```

Output

```
43
100
```