

# Majority



The votes are in! Mathematicians world-wide have been polled, and each has chosen their favorite number between 1 and 1000. Your goal is to tally the votes and determine what the most popular number is.

If there is a tie for the greatest number of votes, choose the smallest number with that many votes.

## Input

Input will start with a single line containing the number of test cases, between 1 and 100 inclusive. For each test case, there will be a single line giving the number of votes  $V$ ,  $1 \leq V \leq 1000$ . Following that line will be  $V$  lines, each with a single integer vote between 1 and 1000.

## Output

Sample Input	Sample Output
3	42
3	7
42	11
42	
19	
4	
7	
99	
99	
7	
5	
11	
12	
13	
14	
15	

