

# Elevator

Input file:            **standard input**  
Output file:           **standard output**  
Time limit:            1 second  
Memory limit:         256 megabytes

Imagine yourself in an elevator along with  $n - 1$  other people, making it a total of  $n$  people. Each person has chosen a floor they wish to alight at. When the elevator stops at any given floor, all those who have selected that floor will exit the elevator.

In this scenario,  $m$  unique floors have been selected. Your task is to determine the maximum possible number of people, including yourself, who could leave the elevator on the floor you have chosen.

## Input

The first line contains one integer  $T$  ( $1 \leq T \leq 10^4$ ), indicating the number of test cases.

For each test case, only one line contains two integers  $n, m$  ( $1 \leq m \leq n \leq 10^4$ ), indicating the number of people in the elevator and the number of unique selected floors, respectively.

## Output

For each test case, output one integer in a single line, indicating the maximum number of people who could leave the elevator at the floor you have chosen.

## Example

standard input	standard output
1	4
6 3	