

## Smaller and Larger

Given a sorted array and a value  $x$ , find the number of array elements less than or equal to  $x$  and elements more than or equal to  $x$ .

### Input:

The first line of input contains an integer  $T$  denoting the number of test cases.

The first line of each test case is  $N$  and  $X$ ,  $N$  is the size of array.

The second line of each test case contains  $N$  input  $C[i]$ .

### Output:

Print the number of Array elements less than or equal to  $x$  and Array elements greater than or equal to  $x$ .

### Constraints:

$$1 \leq T \leq 50$$

$$1 \leq N \leq 100$$

$$0 \leq X \leq 1000$$

$$1 \leq C[i] \leq 200$$

### Example:

#### Input:

3

7 0

1 2 8 10 11 12 19

7 5

1 2 8 10 11 12 19

7 10

1 2 8 10 11 12 19

#### Output:

0 7

25  
44