Stable Sort and Position

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Given an array of n integers which may contain duplicate elements, index of an element of this array is given to us, We need to find the final position of this element (for which the index is given) in the array after stable sort is applied on the array.

Input:
The first line of input contains an integer T denoting the number of test cases. Each test case contains two integers n and idx. Next line contains space separated n elements in the array a[].

Output:
Print the index(0 based indexing) of the element after a stable sort operation.

Constraints:
1<=T<=200
1<=n<=1000
0<=idx 1<=a[i]<=10000

Example:
Input:
1
10 5
3 4 3 5 2 3 4 3 1 5

Output:
4