# Largest Permutation

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Given a permutation of first **n** natural numbers as an array and an integer k. Print the lexicographically largest permutation after at most k swaps.

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

**Output:**
Print space separated n integers which form the largest permutation after at most k swaps.

**Constraints:**
1<=T<=100
1<=n<=1000
1<=a[i]<=1000
1<=k<=100 0

**Example:**
**Input:**
2
5 3
4 5 2 1 3
3 1
2 1 3
**Output:**
5 4 3 2 1
3 1 2