#include <bits/stdc++.h>

using namespace std;

void arrange(int arr[], int n, int x)

{

int i, j;

if(x==n)

return;

for(j=x; j<=n-1; j++)

arr[j]= arr[j+1];

}

int main(void)

{

int T;

cin>>T;

while(T--)

{

int n, k;

cin>>n>>k;

int arr[n+1], i, count=0, temp=0;

for(i=1; i<=n; i++)

cin>>arr[i];

for(i=1; i<=n-1; i++)

{

if(arr[i]<arr[i+1])

{

arr[i]=-1;

arrange(arr, n, i);

--n;

count++;

temp++;

}

if(count==k)

break;

if(i==n-1)

{

if(count<k && temp!=0)

{

// printlist(arr, n);

temp=0;

i=0;

}

else

break;

}

}

while(count!=k)

--n;

for(i=1; i<=n; i++)

cout<<arr[i]<<" ";

cout<<"\n";

}

return 0;

}