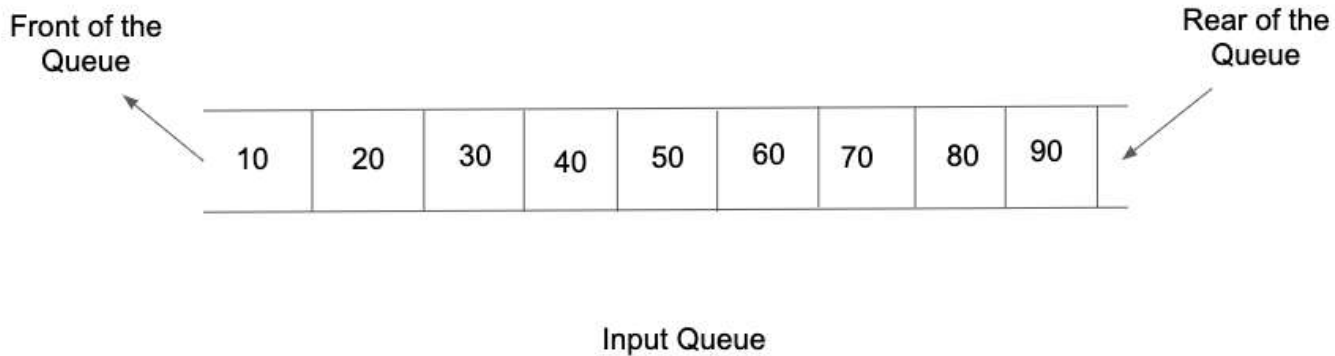


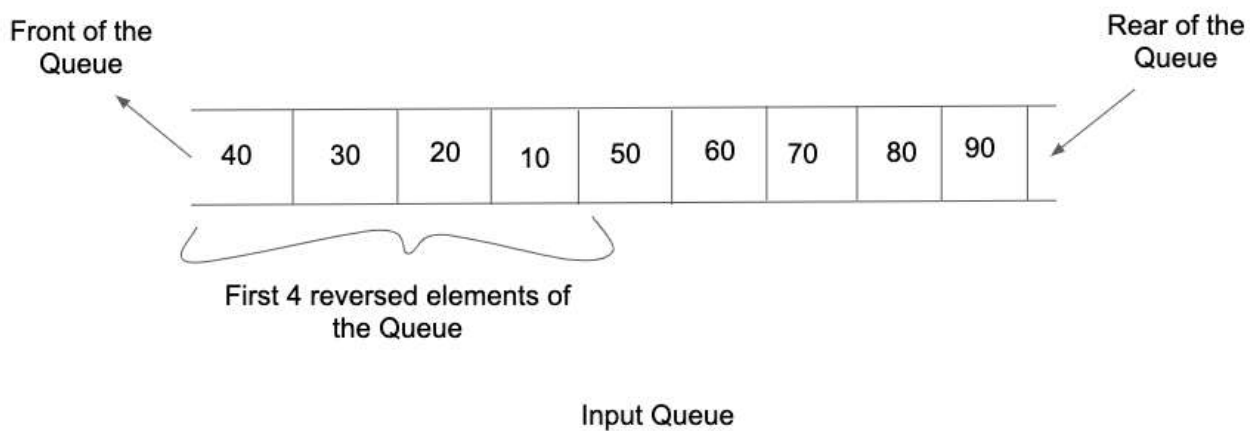
Reverse the First K Elements in the Queue

For a given queue containing all integer data, reverse the first K elements. You have been required to make the desired change in the input queue itself.

Example:



For the above input queue, if $K = 4$ then after reversing the first 4 elements, the queue will be updated as:



Input Format :

The first line of input would contain two integers N and K, separated by a single space. They denote the total number of elements in the queue and the count with which the elements need to be reversed respectively.

The second line of input contains N integers separated by a single space, representing the order in which the elements are enqueued into the queue.

Output Format:

The only line of output prints the updated order in which the queue elements are dequeued, all of them separated by a single space.

Note:

You are not required to print the expected output explicitly, it has already been taken care of. Just make the changes in the input queue itself.

Constraints :

$1 \leq N \leq 10^6$

$1 \leq K \leq N$

$-2^{31} \leq \text{data} \leq 2^{31} - 1$

Time Limit: 1sec

Sample Input 1:

5 3

1 2 3 4 5

Sample Output 1:

3 2 1 4 5

Sample Input 2:

7 7

3 4 2 5 6 7 8

Sample Output 2:

8 7 6 5 2 4 3