Question: [Stand in a queue]

Content:

In the real world, we have to line up as a queue when resources are not enough. Thus, we would like you to present a queue by stack. It require an **enqueue** and **dequeue** functions. Also, queue's condition need to be considered, such as being **empty** or **full**. Print the <u>**whole queue and front & rear position**</u> after each action.

Input:

1st line is an integer **N,** show the queue has **N** numbers.

2nd line has N numbers.

From 3rd line to EOF(End of File)
Enqueue:
1 is followed by the target insert number.
EX: insert 10 => 1 10
Dequeue:
Input the number 2 will delete the first number in the queue
(First in First Out)

Output:
When you got the EOF(End of File),
Output the all queue elements.

Sample Input:
```
5                   /*amount of queue element */
8 9 17 9453 9487    /*elements */
1 8                 /*Enqueuer a number 8*/
1 7                 /*Enqueuer a number 7*/
2                   /*Dequeuer */
2                   /*Dequeuer */
```
Sample Output:
```
17 9453 9487 8 7    /*Final queue elements */
```