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Left Rotation

Problem

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A *left rotation* operation on an array of size n shifts each of the array's elements **1** unit to the left. Given an integer, d , rotate the array that many steps left and return the result.

Example

 $d = 2$ $arr = [1, 2, 3, 4, 5]$

After **2** rotations, $arr' = [3, 4, 5, 1, 2]$.

Function Description

Complete the `rotateLeft` function in the editor below.

`rotateLeft` has the following parameters:

- *int* d : the amount to rotate by
- *int* $arr[n]$: the array to rotate

Returns

- *int* $[n]$: the rotated array

Input Format

The first line contains two space-separated integers that denote n , the number of integers, and d , the number of left rotations to perform.

The second line contains n space-separated integers that describe $arr[]$.

Constraints

- $1 \leq n \leq 10^5$
- $1 \leq d \leq n$
- $1 \leq a[i] \leq 10^6$

Sample Input

```
5 4
1 2 3 4 5
```

Sample Output

```
5 1 2 3 4
```