

Z 444 Mr Arr and his Array

Problem

Submissions

Leaderboard

Discussions

Given an array, Mister Arr the owner of the array wants to move each element k places to its left. I.E. the array $a[0], a[1], a[2], \dots, a[n]$ becomes $a[1], a[2], \dots, a[n], a[0]$ after moving one place to the left. Note that the first element becomes the last element after each rotation. Mister Arr was up all night watching a football match and hence is sleeping now. He has given you the task to rotate the entire array K places to its left.

Input Format

The first line contains two space-separated integers denoting the respective values of n (the number of integers) and k (the number of left rotations you must perform). The second line contains n space-separated integers describing the respective elements of the array's initial state.

Constraints

$$1 \leq n \leq 10^5$$

$$1 \leq k \leq n$$

$$1 \leq a[i] \leq 10^6$$

Output Format

Print a single line of n space-separated integers denoting the final state of the array after performing d left rotations.

Sample Input 0

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

Sample Output 0

```
5 1 2 3 4
```



Contest ends in 3 days

Submissions: 198

Max Score: 50

Difficulty: Easy

Rate This Challenge:

[More](#)

Current Buffer (saved locally, editable)

C++14



```
1 #include <cmath>
2 #include <cstdio>
3 #include <vector>
4 #include <iostream>
5 #include <algorithm>
6 using namespace std;
7
8
9 int main() {
10     /* Enter your code here. Read input from STDIN. Print output to STDOUT */
```

```
11     return 0;  
12 }  
13
```

Line: 1 Col: 1

 [Upload Code as File](#)

☐ Test against custom input

Run Code

Submit Code

[Contest Calendar](#) | [Interview Prep](#) | [Blog](#) | [Scoring](#) | [Environment](#) | [FAQ](#) | [About Us](#) | [Support](#) | [Careers](#) | [Terms Of Service](#) | [Privacy Policy](#) | [Request a Feature](#)