Array Rotation I

60 POINTS

Given an array A of size N and a key d rotate the array to left by d units.

Input format:
First line of input contains a single integer N denoting the size of the array.
Second line of input contains N space separated integers denoting the elements of the array.
Third line of input contains a single integer d denoting the rotation factor.

Output format:
A single line of input denoting the elements of the array separated by spaces after rotation.

Constraints:
(i) $0 \le N \le 10^2$
(ii) $0 \le d \le 10^5$

Test Case - 1
10
91 25 60 89 57 26 5 40 86 86
5
26 5 40 86 86 91 25 60 89 57

Test Case - 2
15
17 37 42 84 6 35 94 94 79 77 13 33 58 99 74
5
35 94 94 79 77 13 33 58 99 74 17 37 42 84 6

Problem tags:

THE COMPLETE C COURSE   ARRAY   MEDIUM