

Problem A. Reverse subarray

Input file: `standard input`
Output file: `standard output`
Time limit: 1 second
Memory limit: 256 megabytes

You're given array with N integer numbers and two positive integer numbers L and R . You need to reverse subarray from L to R and print out modified array. Array indexed from 1 up to N . Subarray from L to R is an array a_L, a_{L+1}, \dots, a_R .

Input

First line contains three positive integer numbers N , L and R ($1 \leq L \leq R \leq N \leq 100$) — length of array, left range of subarray and right range of subarray, respectively. Next line contains N integer numbers a_i ($-100 \leq a_i \leq 100$) — i -th number of array.

Output

Output N integer numbers — modified array.

Examples

standard input	standard output
4 2 4 1 2 3 4	1 4 3 2
5 2 4 -1 -4 -3 -2 -5	-1 -2 -3 -4 -5