
Print Even Indices

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

Given a number N and an array A of N numbers. Print the numbers in **even** indices in a reversed order.

Note:

- Assume array A is 0-based indexing.
- Solve this problem using recursion.

Input

First line contains a number N ($1 \leq N \leq 10^3$) number of elements.

Second line contains N numbers ($-10^9 \leq A_i \leq 10^9$).

Output

Print numbers in even indices in a reversed order separated by spaces.

Examples

standard input	standard output
4 1 4 2 7	2 1
7 1 5 8 2 3 9 11	11 3 8 1