

Before attempting the problem, you are **required** to thoroughly read the reference material - <https://www.hackerearth.com/practice/data-structures/arrays/1-d/tutorial/>.

Statement

Given the size and the elements of array A, print all the elements in reverse order.

Input

First line of input contains size of the array, N . The following N lines each contain one integer, the i^{th} element of the array ($A[i]$).

Output

Print all the elements of the array in reverse order, with each element on a separate line.

Constraints

- $1 \leq N \leq 100$
- $1 \leq A[i] \leq 1000$

Sample

Sample Input	Sample Output
5	9
4	15
21	7
7	12
15	4
9	