

F. Front - End

time limit per test: 1 second🕒  
memory limit per test: 256 megabytes  
input: standard input  
output: standard output

You are given an array  $a$  of  $n$  integers, your task is to print the first (front) element then remove it, then print the last(end) element then remove it, and so on until the array becomes empty.

Input

The first line contains an integer  $n(1 \leq n \leq 10^5)$  the number of elements in the array  $a$

The second line contains  $n$  integers  $a_i(-10^9 \leq a_i \leq 10^9)$  the elements of the array  $a$ .

Output

Print the array  $a$  with the required order.

Example

input	Copy
5 1 2 3 4 5	
output	Copy
1 5 2 4 3	

Assiut University Training - Newcomers

Public

Participant



→ About Group



[Group website](#)

→ Group Contests

- Sheet #10 (General Hard)
- Sheet #9 (General medium)
- Sheet #8 (General easy)
- Sheet #7 (Recursion)
- Sheet #6 (Math - Geometry)
- Sheet #5 (Functions)
- Sheet #4 (Strings)
- Contest #3.1
- Sheet #3 (Arrays)
- Contest #2
- Sheet #2 (Loops)
- Contest #1
- Sheet #1 (Data type - Conditions)

Contest #3.1

Finished

Practice



→ About Time Scaling

This contest uses time limits scaling policy (depending on a programming language). The system automatically adjusts time limits by the following multipliers for some languages. Despite scaling (adjustment), the time limit cannot be more than 30 seconds. Read the details by the [link](#).