# **ICPC Assiut University Community**





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PROBLEMS SUBMIT CODE MY SUBMISSIONS STATUS STANDINGS CUSTOM INVOCATION

## 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  $a_i(-10^9 \le a_i \le 10^9)$  the elements of the array a.

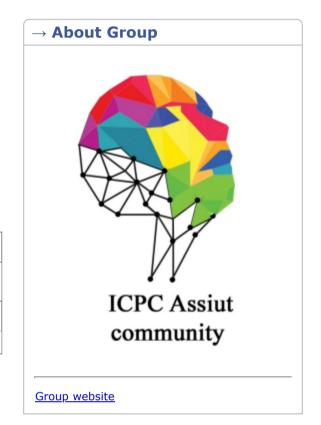
#### **Output**

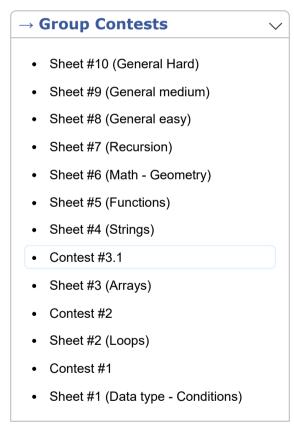
Print the array a with the required order.

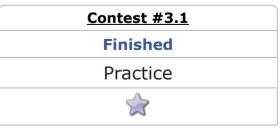
#### Example

input	Сору
5 1 2 3 4 5	
output	Сору
1 5 2 4 3	











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 <a href="link">link</a>.