

Objective

Today, we will learn about the Array data structure. Check out the Tutorial tab for learning materials and an instructional video.

Task

Given an array, A , of N integers, print A 's elements in reverse order as a single line of space-separated numbers.

Example

$$A = [1, 2, 3, 4]$$

Print 4 3 2 1. Each integer is separated by one space.

Input Format

The first line contains an integer, N (the size of our array).

The second line contains N space-separated integers that describe array A 's elements.

Constraints

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- $1 \leq N \leq 1000$
- $1 \leq A[i] \leq 10000$, where $A[i]$ is the i^{th} integer in the array.

Output Format

Print the elements of array A in reverse order as a single line of space-separated numbers.

Sample Input

```
4
1 4 3 2
```

Sample Output

```
2 3 4 1
```