

# Day 7: Arrays

## 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
```