



## Day 7: Arrays ★

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## 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  $i^{\text{th}}$  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
```

Change Theme

Language

Python 3



```
1  #!/bin/python3
2
3  import math
4  import os
5  import random
6  import re
7  import sys
8
9
10
11  if __name__ == '__main__':
```

```
12     n = int(input().strip())
13
14     arr = list(map(int, input().rstrip().split()))
15     for i in range(len(arr)-1,-1,-1):
16         print(arr[i],end=" ")
17
18
```

Line: 17 Col: 9

 Upload Code as File☐ Test against custom input

Run Code

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