



Arrays - DS ★

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Problem

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An array is a type of data structure that stores elements of the same type in a contiguous block of memory. In an array, A , of size N , each memory location has some unique index, i (where $0 \leq i < N$), that can be referenced as $A[i]$ or A_i .

Reverse an array of integers.

Note: If you've already solved our C++ domain's Arrays Introduction challenge, you may want to skip this.

Example

$A = [1, 2, 3]$

Return $[3, 2, 1]$.

Function Description

Complete the function `reverseArray` in the editor below.

`reverseArray` has the following parameter(s):

- `int A[n]`: the array to reverse

Returns

- `int[n]`: the reversed array

Input Format

The first line contains an integer, N , the number of integers in A .

The second line contains N space-separated integers that make up A .

Constraints

- $1 \leq N \leq 10^3$
- $1 \leq A[i] \leq 10^4$, where $A[i]$ is the i^{th} integer in A

Sample Input 1

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1	4	3	2
---	---	---	---

Array: arr

4
1 4 3 2

Sample Output 1

2 3 4 1



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```
1  import java.io.*;
2  import java.math.*;
3  import java.security.*;
4  import java.text.*;
5  import java.util.*;
6  import java.util.concurrent.*;
7  import java.util.function.*;
8  import java.util.regex.*;
9  import java.util.stream.*;
10 import static java.util.stream.Collectors.joining;
11 import static java.util.stream.Collectors.toList;
12
13 class Result {
14
15     /*
16      * Complete the 'reverseArray' function below.
17      *
18      * The function is expected to return an INTEGER_ARRAY.
19      * The function accepts INTEGER_ARRAY a as parameter.
20      */
21
22     public static List<Integer> reverseArray(List<Integer> a) {
23         Collections.reverse(a);
24         return a;
25     }
26 }
27
```

Line: 21 Col: 1

[Upload Code as File](#)☐ Test against custom input[Run Code](#)[Submit Code](#)

Congratulations!

You have passed the sample test cases. Click the submit button to run your code against all the test cases.

✓ Sample Test case 0

Input (stdin)

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1	4
2	1 4 3 2

Your Output (stdout)

1	2 3 4 1
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Expected Output

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1	2 3 4 1
---	---------



