

Problem

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.

Submissions

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

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

Array: arr

4
1 4 3 2

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Change Theme Language Java 8

```
11 import java.util.*;
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         // Write your code here
24         int i=0,j=a.size()-1;
25
26         while(i<j){
27             Collections.swap(a, i, j);
28             i++;
29             j--;
30         }
31
32         return a;
33     }
34
35 }
```

Line: 61 Col: 1

Upload Code as File Run Code Submit Code

☐ Test against custom input

Congratulations

You solved this challenge. Would you like to challenge your friends?

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Test case 0

Test case 1

Test case 2

Test case 3

Test case 4

Test case 5

Test case 6

Compiler Message

Success

Hidden Test Case

Unlock this test case for 5 hacks.

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