



## International Olympiad in Informatics 2016

12-19th August 2016

Kazan, Russia

day0\_4

**reverse**

Country: api - ARM

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## Reversing the sequence

You are given a sequence of 64-bit integer numbers. Your task is to write a program that produces the reversed version of the given sequence.

### Implementation details

You should implement one function (method):

- `int64[] reverse(int64[] a)`.
  - `a`: given sequence.
  - function should return the reversed sequence.

### Examples

#### Example 1

`reverse([1, 2, 3])`.

The function returns `[3, 2, 1]`.

#### Example 2

`reverse([-3, 4, 6, -8, 9])`.

The function returns `[9, -8, 6, 4, -3]`

### Subtasks

This task has only one subtask costs 100 points, the length of the sequence is at most 100,000 .

### Sample Grader

The sample grader reads the input in the following format:

- line 1: integer  $n$  ,
- line 2:  $n$  integers  $a_i$  .

### Language Notes

Please use the provided template files for details of implementation in your programming language.