



## International Olympiad in Informatics 2016

12-19th August 2016

Kazan, Russia

day0\_4

**reverse**  
Country: api - IRN

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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