International Olympiad in Informatics 2016

12-19th August 2016

Kazan, Russia

day0_4

reverse

Country: api - GRC

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.