



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