

Problem Statement

We have a sequence of integers. We want to remove duplicate elements from it.

You will be given a `int[]` **sequence**. For each element that occurs more than once leave only its rightmost occurrence. All unique elements must be copied without changes.

Definition

Class: SimpleDuplicateRemover
Method: process
Parameters: `int[]`
Returns: `int[]`
Method signature: `int[] process(int[] sequence)`
(be sure your method is public)

Constraints

-**sequence** will have between 1 and 50 elements, inclusive.-Each element of **sequence** will be between 1 and 1000, inclusive.

Examples

0)

`{1,5,5,1,6,1}`

Returns: `{5, 6, 1 }`

We left the third 1, the second 2 and the only 6.

1)

`{2,4,2,4,4}`

Returns: `{2, 4 }`

2)

`{6,6,6,6,6,6}`

Returns: `{6 }`

3)

`{1,2,3,4,2,2,3}`

Returns: `{1, 4, 2, 3 }`

4)

`{100,100,100,99,99,99,100,100,100}`

Returns: `{99, 100 }`