

1389. Create Target Array in the Given Order

Description

Given two arrays of integers `nums` and `index`. Your task is to create *target* array under the following rules:

- Initially *target* array is empty.
- From left to right read `nums[i]` and `index[i]`, insert at index `index[i]` the value `nums[i]` in *target* array.
- Repeat the previous step until there are no elements to read in `nums` and `index`.

Return the *target* array.

It is guaranteed that the insertion operations will be valid.

Example 1:

Input: `nums = [0,1,2,3,4], index = [0,1,2,2,1]`
Output: `[0,4,1,3,2]`
Explanation:

nums	index	target
0	0	[0]
1	1	[0,1]
2	2	[0,1,2]
3	2	[0,1,3,2]
4	1	[0,4,1,3,2]

Example 2:

Input: `nums = [1,2,3,4,0], index = [0,1,2,3,0]`
Output: `[0,1,2,3,4]`
Explanation:

nums	index	target
1	0	[1]
2	1	[1,2]
3	2	[1,2,3]
4	3	[1,2,3,4]
0	0	[0,1,2,3,4]

Example 3:

Input: `nums = [1], index = [0]`
Output: `[1]`

Constraints:

- `1 <= nums.length, index.length <= 100`
- `nums.length == index.length`
- `0 <= nums[i] <= 100`
- `0 <= index[i] <= i`

