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