

1389. Create Target Array in the Given Order

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.

Code:

```
class Solution(object):
```

```
    def createTargetArray(self, nums, index):
```

```
        """
```

```
        :type nums: List[int]
```

```
        :type index: List[int]
```

```
        :rtype: List[int]
```

```
        """
```

```
        new_list = list()
```

```
        for i in range(0,len(nums)):
```

```
            new_list.insert(index[i],nums[i])
```

```
        return new_list
```

Success Details >

Runtime: **28 ms**, faster than **13.98%** of Python online submissions for Create Target Array in the Given Order.

Memory Usage: **12.7 MB**, less than **66.76%** of Python online submissions for Create Target Array in the Given Order.

Next challenges:

Flip String to Monotone Increasing

Number of Submatrices That Sum to Target

Bulb Switcher III

Show off your acceptance:



Time Submitted	Status	Runtime	Memory	Language
a few seconds ago	Accepted	28 ms	12.7 MB	python

```
1 class Solution(object):
2     def createTargetArray(self, nums, index):
3         """
4         :type nums: List[int]
5         :type index: List[int]
6         :rtype: List[int]
7         """
8         new_list = list()
9         for i in range(0, len(nums)):
10             new_list.insert(index[i], nums[i])
11         return new_list
12
```

Testcase Run Code Result Debugger

Accepted Runtime: 32 ms

Your input [0,1,2,3,4]
[0,1,2,2,1]

Output [0,4,1,3,2]

Expected [0,4,1,3,2]