



Description

Editorial

Solutions (1.9K)

Python3

Auto



## 179. Largest Number



Medium



6.6K



541

Companies

Given a list of non-negative integers `nums`, arrange them such that they form the largest number and return it.

Since the result may be very large, so you need to return a string instead of an integer.

### Example 1:

**Input:** `nums = [10,2]`

**Output:** `"210"`

### Example 2:

**Input:** `nums =`

`[3,30,34,5,9]`

**Output:** `"9534330"`

### Constraints:

- `1 <= nums.length <= 100`
- `0 <= nums[i] <= 109`

Accepted 382.6K

Submissions 1.1M

Acceptance Rate 34.5%

```
1 class Solution:
2     def largestNumber(self, nums: List[int]) -> str:
3
4         for i in range(len(nums)):
5             m=i
6             m_str=str(nums[i])
7             for j in range(i+1,len(nums)):
8
9                 j_str=str(nums[j])
10                #Create XY AND YX and then compare.
11                first_num=m_str+j_str
12                second_num=j_str+m_str
13
14                if first_num<second_num:
15                    m=j
16                    m_str=str(nums[m])
17                nums[i],nums[m]=nums[m],nums[i]
18        if nums[0]==0:
19            return "0"
20        return "".join([ str(x) for x in nums])
```

Console



Run

Submit