

1365. How Many Numbers Are Smaller Than the Current Number

Given the array nums, for each nums[i] find out how many numbers in the array are smaller than it. That is, for each nums[i] you have to count the number of valid j's such that j != i and nums[j] < nums[i].

Solution:

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

```
    def smallerNumbersThanCurrent(self, nums):
```

```
        """
```

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

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

```
        """
```

```
        count = 0
```

```
        new_list=list()
```

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

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

```
                if nums[i]>nums[j]:
```

```
                    count=count + 1
```

```
            new_list.append(count)
```

```
            count=0
```

```
        return new_list
```

Success [Details](#) >

Runtime: **548 ms**, faster than **6.06%** of Python online submissions for How Many Numbers Are Smaller Than the Current Number.

Memory Usage: **12.7 MB**, less than **80.23%** of Python online submissions for How Many Numbers Are Smaller Than the Current Number.

Next challenges:

[Count of Smaller Numbers After Self](#)

Show off your acceptance:



Time Submitted	Status	Runtime	Memory	Language
a few seconds ago	Accepted	548 ms	12.7 MB	python

```
1 class Solution(object):
2     def smallerNumbersThanCurrent(self, nums):
3         """
4         :type nums: List[int]
5         :rtype: List[int]
6         """
7         count = 0
8         new_list=list()
9         for i in range(0,len(nums)):
10             for j in range(0,len(nums)):
11                 if nums[i]>nums[j]:
12                     count=count + 1
13             new_list.append(count)
14             count=0
15
16         return new_list
17
```

Testcase Run Code Result [Debugger](#)

Accepted Runtime: 20 ms

Your input

Output

Expected