

31 Next Permutation

```
def nextPermutation(self, nums):
    ind=-1
    for i in range(len(nums)-2,-1,-1):
        if nums[i]<nums[i+1]:
            ind=i
            break
    if ind==--1:
        return nums.reverse()
    for i in range(len(nums)-1,ind-1,-1):
        if nums[i]>nums[ind]:
            nums[ind],nums[i]=nums[i],nums[ind]
            break

    nums[ind + 1:] = sorted(nums[ind + 1:])
    return nums
```