

131) Sort

CODE:

```
def algo(a):  
    a.sort()  
    b=[]  
    if not a:  
        return b  
    else:  
        return a  
a=[]  
b=[1]  
c=[7,7,7,7,7]  
d=[-2,-4,-5,-8,-1]  
print(algo(a))  
print(algo(b))  
print(algo(c))  
print(algo(d))
```

OUTPUT:



```
C:\Windows\system32\cmd.e: X + v  
[]  
[1]  
[7, 7, 7, 7, 7]  
[-8, -5, -4, -2, -1]  
Press any key to continue . . .
```

TIME COMPLEXITY : $O(n \log n)$