

Check if a List is Sorted

I/p: [10, 20, 30]
O/p: yes
I/p: [10, 20, 20, 30]
O/p: yes
I/p: [10, 5, 2]
O/p: no

Efficient Solution:

```
def isSorted(l):  
    l2 = sorted(l)  
    if l == l2:  
        return True  
    else:  
        return False
```

```
l = [10,20,30,15,40]  
if isSorted(l):  
    print("Yes")  
else:  
    print("No")
```

```
def isSorted(l):  
    i = 1  
    while i < len(l):  
        if l[i] < l[i - 1]:  
            return False  
        i = i + 1  
    return True
```

```
l = [10,20,30,15,40]  
if isSorted(l):  
    print("Yes")  
else:  
    print("No")
```