

SORTING LISTS

- calling `sort()` **mutates** the list, returns nothing
- calling `sorted()` **does not mutate** list, must assign result to a variable

```
['orange', 'red', 'yellow']  
None  
['grey', 'green', 'blue']  
['blue', 'green', 'grey']
```

```
1 warm = ['red', 'yellow', 'orange']  
2 sortedwarm = warm.sort()  
3 print(warm)  
4 print(sortedwarm)  
5  
6 cool = ['grey', 'green', 'blue']  
7 sortedcool = sorted(cool)  
8 print(cool)  
9 print(sortedcool)
```

