# تمرین اول

```python
def sort_list(lst):

    if len(lst) <= 2:
        return sorted(lst)

    m = len(lst) // 3
    first_part = sort_list(lst[:m])
    second_part = sort_list(lst[-m:])
    third_part = sort_list(lst[m:-m])

    if first_part[-1] > second_part[0]:
        first_part, second_part = second_part, first_part

    if second_part[-1] > third_part[0]:
        second_part, third_part = third_part, second_part

    return first_part + second_part + third_part
```