

```
def merge_ranges(ranges):  
    if not ranges:  
        return []  
  
    ranges.sort()  
  
    merged = [ranges[0]]  
  
    for start, end in ranges[1:]:  
        last_start, last_end =  
merged[-1]  
  
        if start <= last_end;  
            merged[-1] = [last_start,  
max(last_end, end)]  
        else:
```

```
merged.append([start,  
end])
```

```
return merged
```

```
print(merge_ranges([[1,3],[2,6],  
[8,10],[15,18]])) # [[1,6],[8,10],  
[15,18]]
```

```
print(merge_ranges([[1,4],[4,5]]))  
# [[1,5]]
```