56. Merge Intervals

```python
def merge(self, intervals):

        if len(intervals) <= 1:
            return intervals

        intervals.sort(key=lambda x: x[0])
        # Sort intervals based on start time
        print(intervals)
        i = 1
        while i < len(intervals):
            if intervals[i-1][1] >= intervals[i][0]:
                intervals[i-1][1] = max(intervals[i-1][1], intervals[i][1])
                intervals.pop(i)  # Remove the merged interval
            else:
                i += 1

        return intervals
```