

# Leet Code

## Day-35 Q-02 Merge Intervals

Given a collection of intervals, merge all overlapping intervals.

### Example 1:

**Input:** intervals = [[1,3],[2,6],[8,10],[15,18]]

**Output:** [[1,6],[8,10],[15,18]]

**Explanation:** Since intervals [1,3] and [2,6] overlaps, merge them into [1,6].

### Example 2:

**Input:** intervals = [[1,4],[4,5]]

**Output:** [[1,5]]

**Explanation:** Intervals [1,4] and [4,5] are considered overlapping.

**NOTE:** input types have been changed on April 15, 2019. Please reset to default code definition to get new method signature.

### Constraints:

- `intervals[i][0] <= intervals[i][1]`