Merge Intervals

For this problem we need to muge overlapping intervals after sorting them by start time.

Tley Idea:

- 1. Test intervals by starting value.
- 2. Initialize merged array
- 3. Iterato through intervals;
 - If merged is empty or current start > merged, back() end, add interval to merged.
 - · Else, explate merged book () end = max (merged back) end, current end).

Complexity:

· Time: O(n logn) (sorting domnates)
· Toxce: O(n) for result (can be extinized to O(1) if allowed to modely insect)