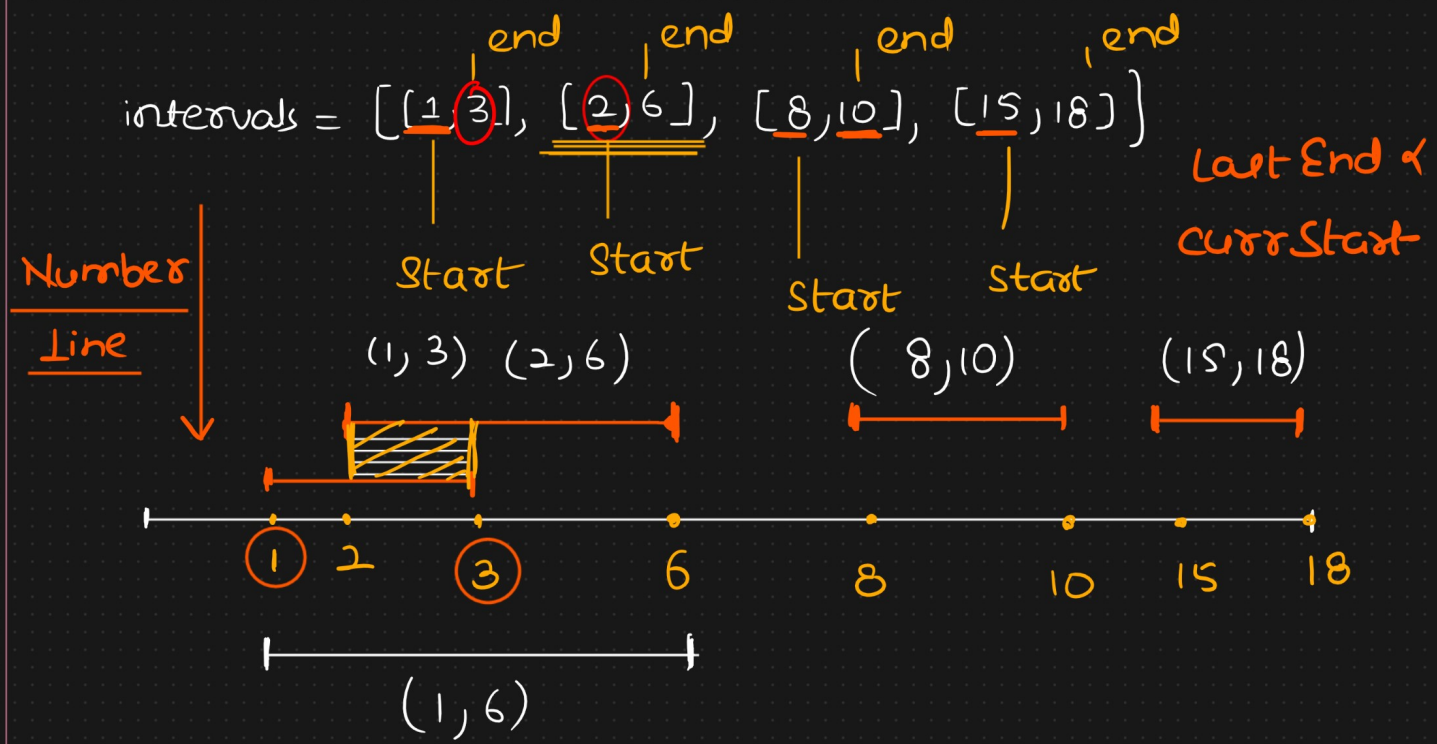
PW SKILLS

Merge Intervals



Last End < curr Start

(1,6) (8,10) (15,18)

Non-overlapping → Non-overlapping intervals

currStart > LastEnd → true → Overlapping

2 < 3

currStart < = lastEnd

Start value (Interval)

(1,3) (15,18) (8,10) (2,6) | Not Sorted

Sort (Increasing fashion)

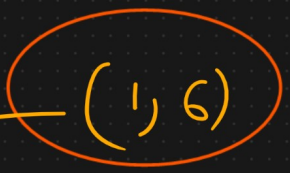
(1,3) (2,6) (8,10) (15,18)

Approach

1) Sort intervals — Increasing order of start time

2) check the condition of overlapping / non-overlapping & append the answer in the result.

How merging

(1,6) (2,3)

max(LastEnd, End)