overlapping intervals

$O(n \log n)$
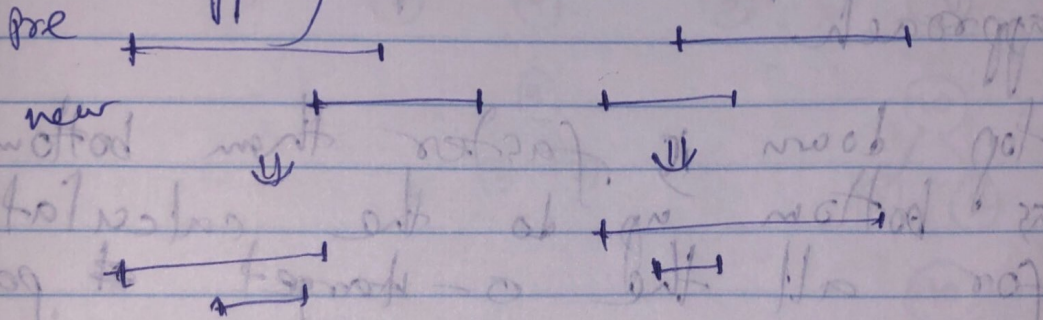$O(n)$

· can be done using binary search.
find the near position to store
new array; either considering start or
end

Atlas

then compare with previous interval)
& next interval if present.

- Can be done using TreeMap or TreeSet

$[start, end]$

$\langle start, end \rangle$

$O(n \log n)$
$O(n)$

take floor & ~~ceil~~ ceil values & then compare if ~~merging~~ overlapping or not.