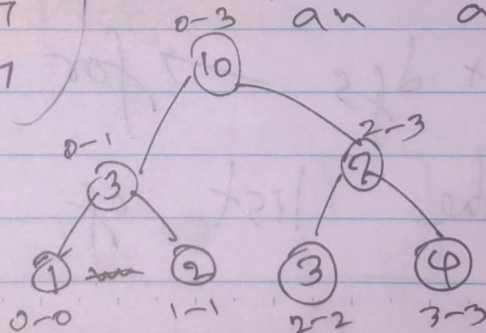


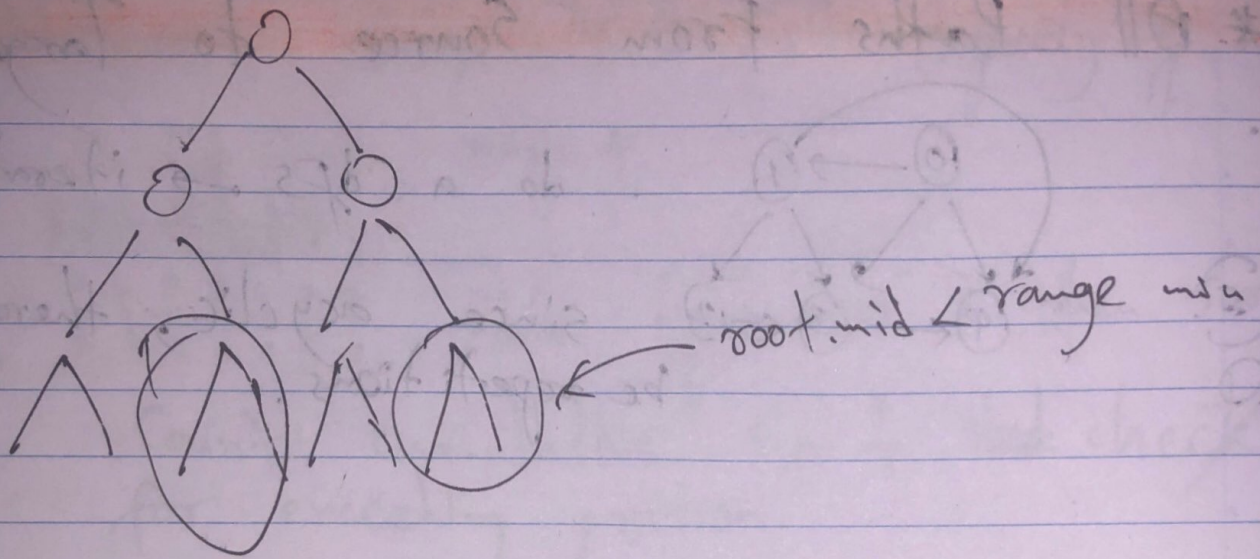
* Range Sum Query 2D - Mutable

2	3	4
7	6	4
5	1	4
7	1	7
8	5	7

⇒ each row as segment tree & store in an array



update $\rightarrow O(\log n)$



to take this range $root.mid > range.max$

If overlaps, search on both sides & add.