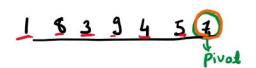
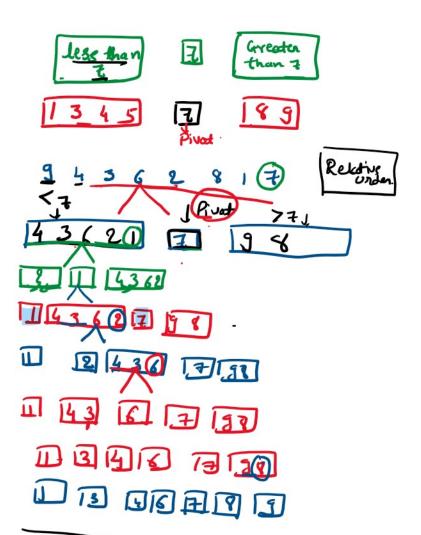


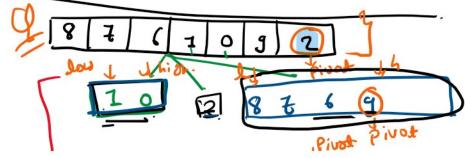
## divide & conquer Class of Problem

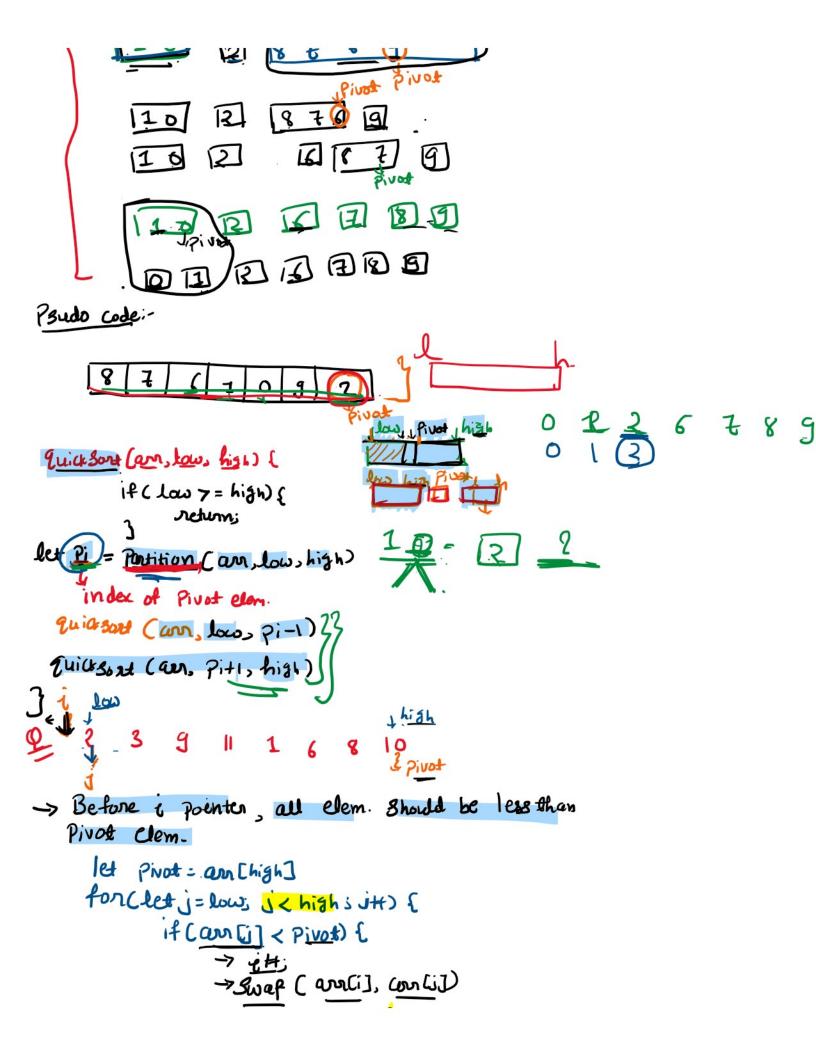
- -> works on concept of <u>Partitioning</u>.
- -> Choose one Pivot elemir [lost elem].
- > Pivot clem)-& Partition => anna) -> subarray.

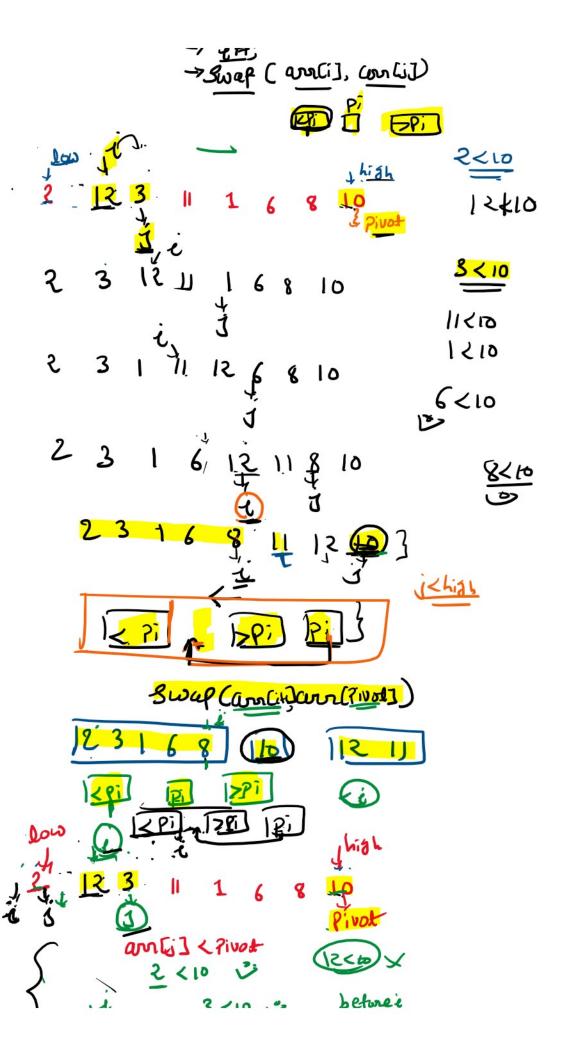


1 Choose a Pivot element.



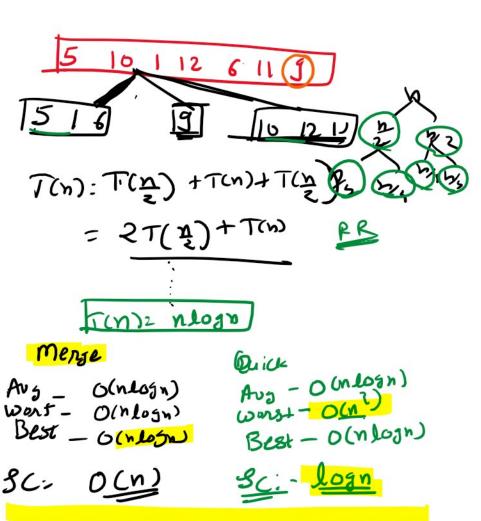






2 3 12 11 1 68 L8 let pi = ann[high] = 10W-1 110-1=(1) 11 12 6 1 (0)

7 1 10 5 691 10 12 15 1 13 69 10 12 9. 15 World 10 T(n) - T(n-1)+Ta) + O(n) T(n) = O(n2)



Monday

Brown Quick Sont-2

5Pm