Worst are TC of quick sort-

& 1 2 3 4 → Input way

> pivot=1 , p=2 , q=4

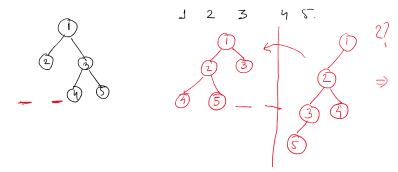
 $T(n) = T(n-1) + n \longrightarrow Substituti$ 167 n2)



tul led node - Node → O children. non-leaf node - Node -> 1/2 children.

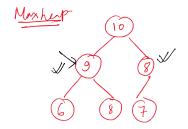
Almost complete Bloory Free - New nodes insert have





( ACBT

2 Max heap - Pounts. val > Child. val Min heap -> Brunts. val & child. rul.



3> 6 3>8

827.

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