

-> Lo design a deta Stoucture on which we'll cooily be able to perform insert (n), crase (n), set Median () > then get Median () on this insert() on it * how to get the median? 10,5,2,3,6,12,9 I sorted order 2 3 5 6 9 10 12 (If we can maintain these 2 parts then largest clem in the left side is the median) we can use 2 ordered sits.

(to main Fain sorted order in left orde Rost

If we can onain fain half ovrted elens in left & remaining in night set. Then largest elev in left set is median s basically during insertions insert of left / right based on prev during removal, seems ve it from whichever set it is in. (ie left setf. nout set) Los size of left/ngut might not be what it should be or clems in it might not in sorted from left -> ngut I São after every insert/ remove these should be some (Rebalance) ideally (# left 22 # clem in signit) Curles to 2 odd, then left has I more So # elen left > # elen & signs. originate left < # el originate swill call st Mediant) to when left & right have equal no of elen -> from we'll return largest from the left) laggest Kzenen odd) (bez will P.C: 0 (682)