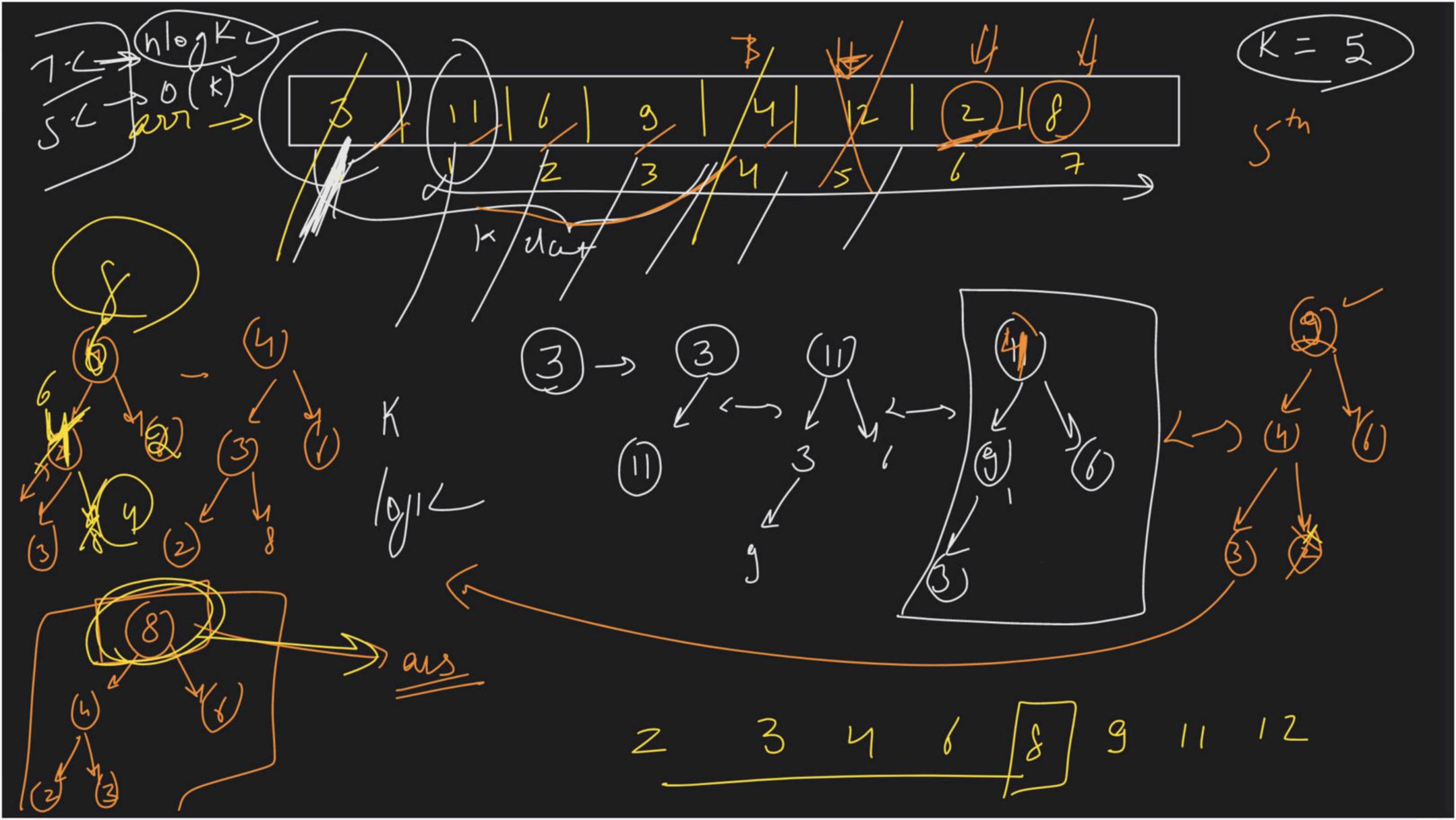


Special class



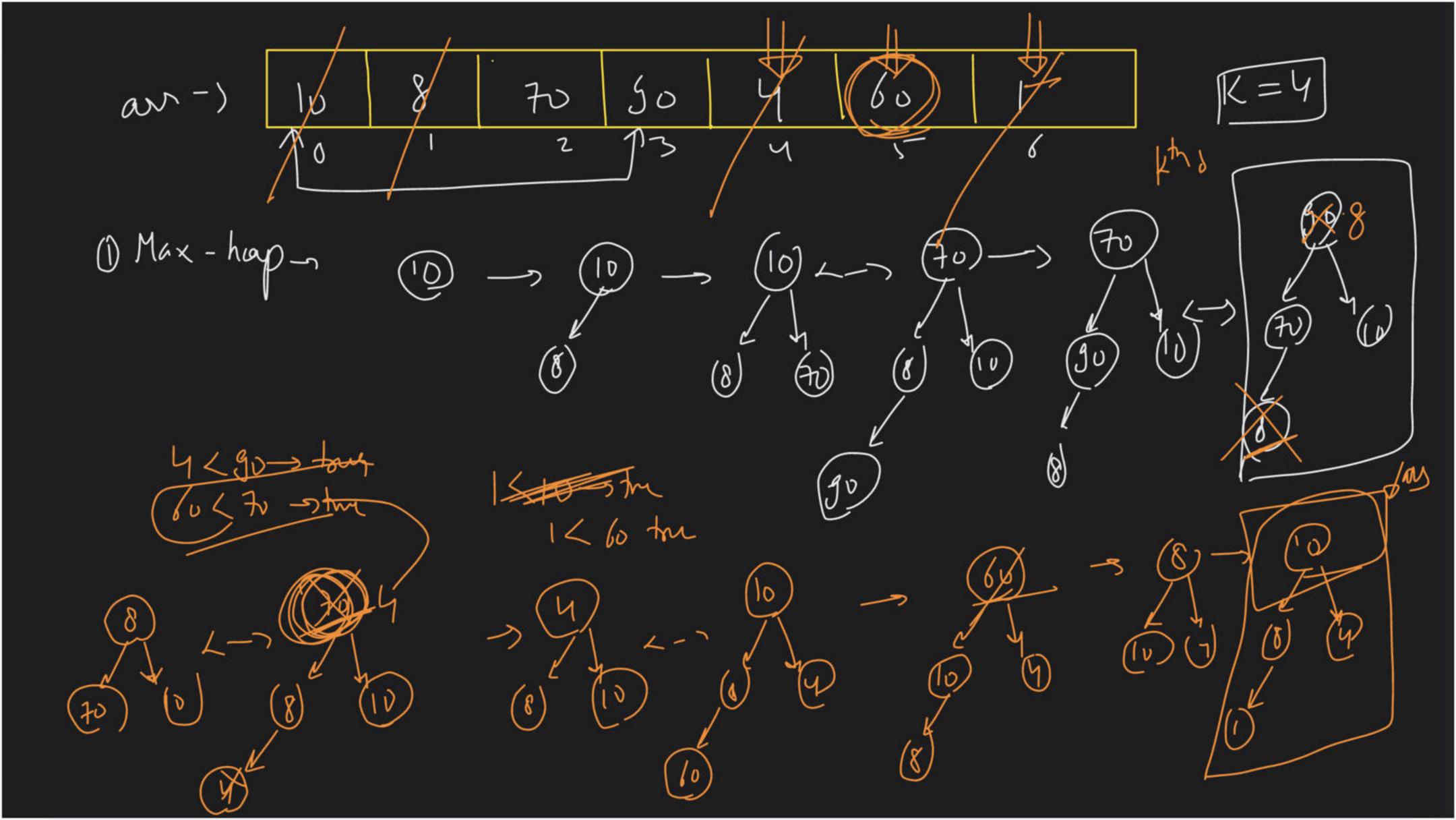
Pridrity-queue Juos tions (K smaller) noi n size 3/11/6/9/12/2/8 > sort(our, our th) kt meller, aur [K-1] Kth pop -> Kth smallet



Min hap # 2 K por O(nlugn)
O(K) n-size heap T- (-) ((n) -Max-heap)
findt k elant > (max heap)
P Mex hub

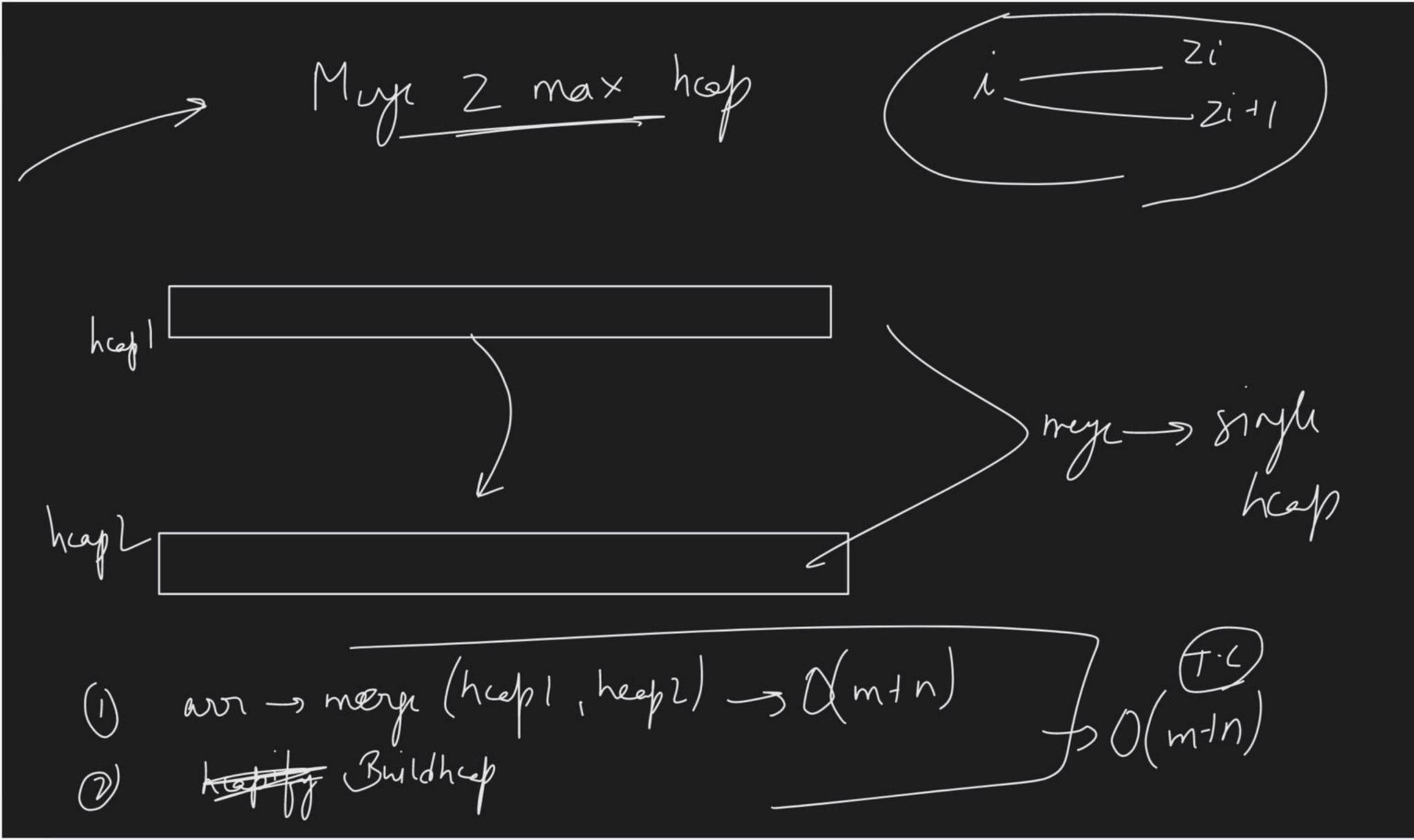
Kize -> U[]

Sik - six Sk small damed Kize-> 0(K) has Mont (heap-top) heap ignt (how [hun)

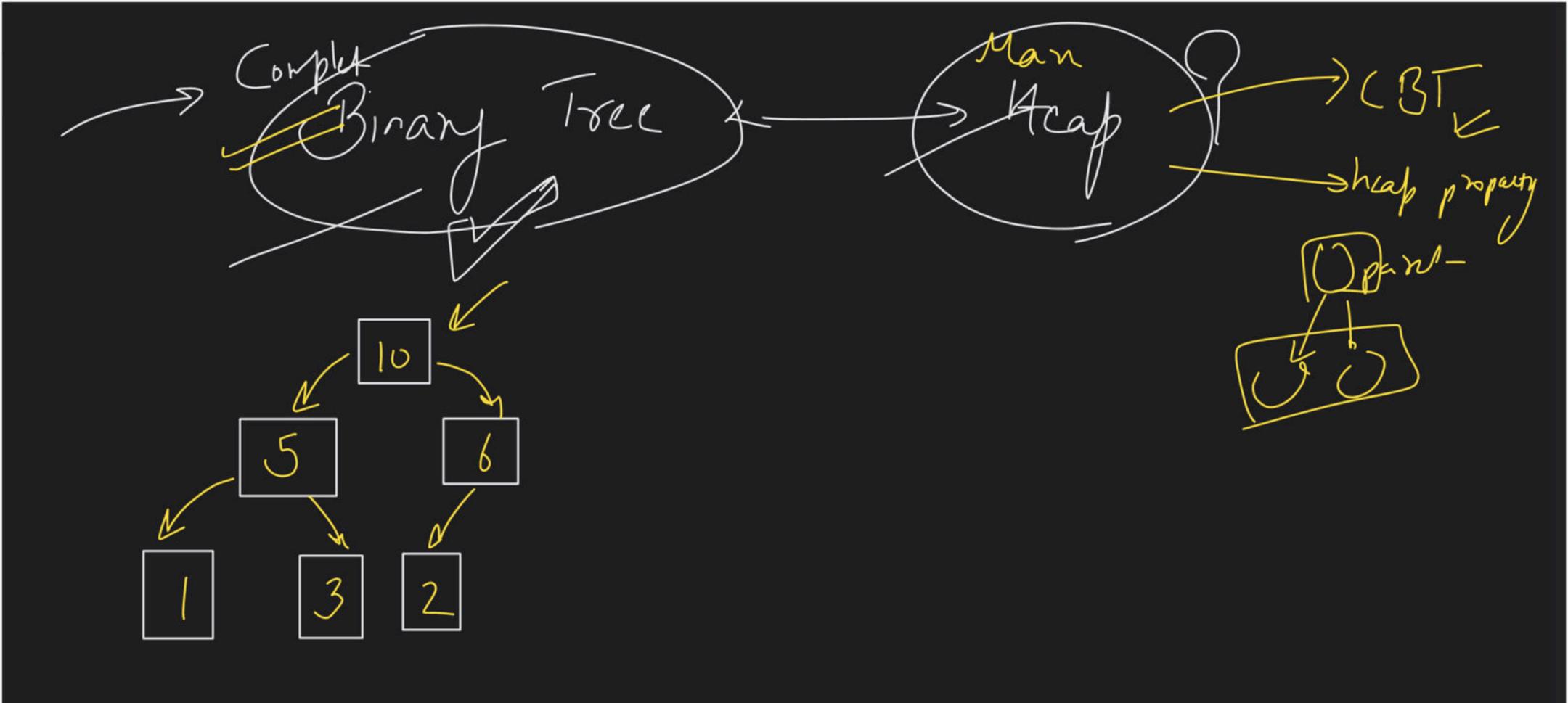


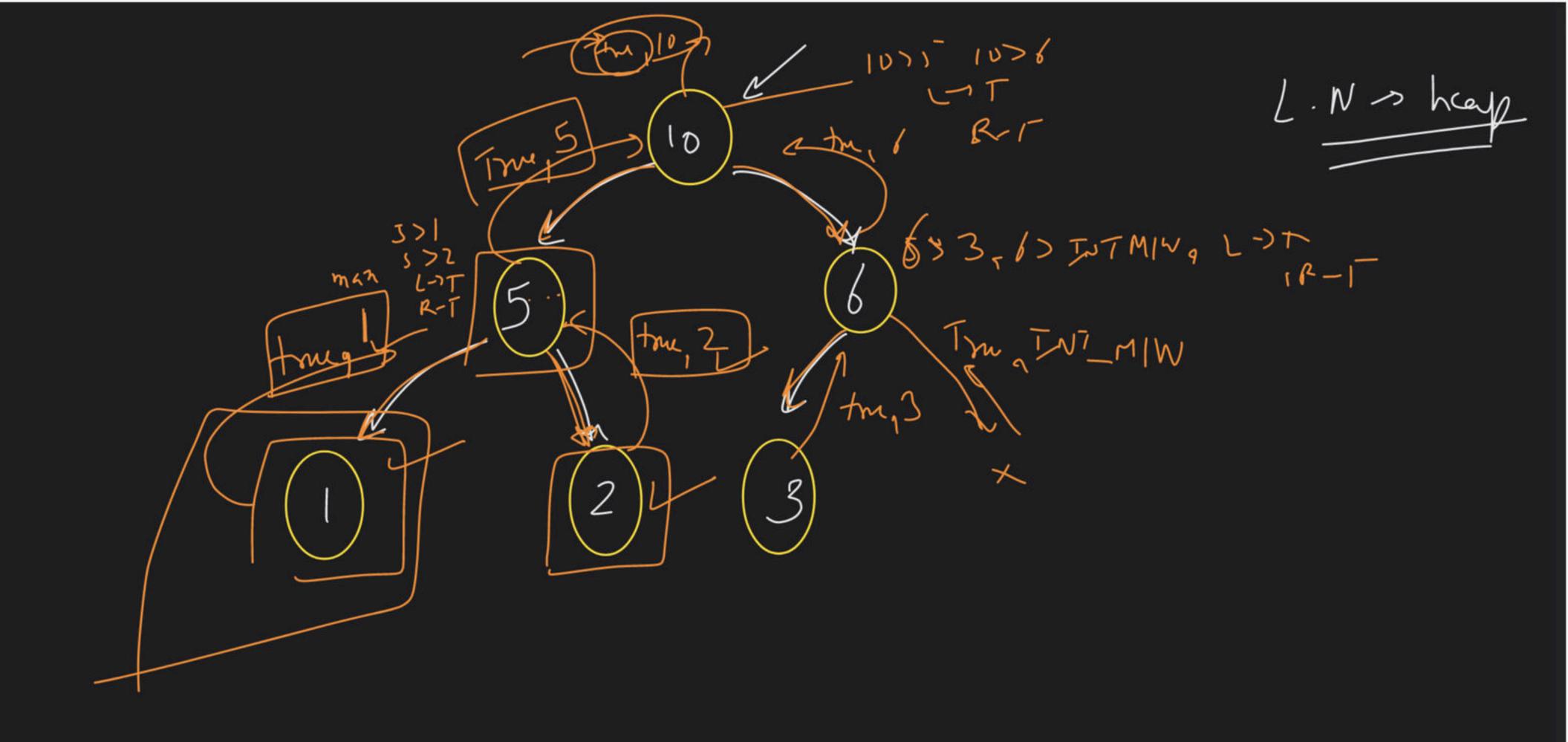
Msix Hupl 1 cap 2

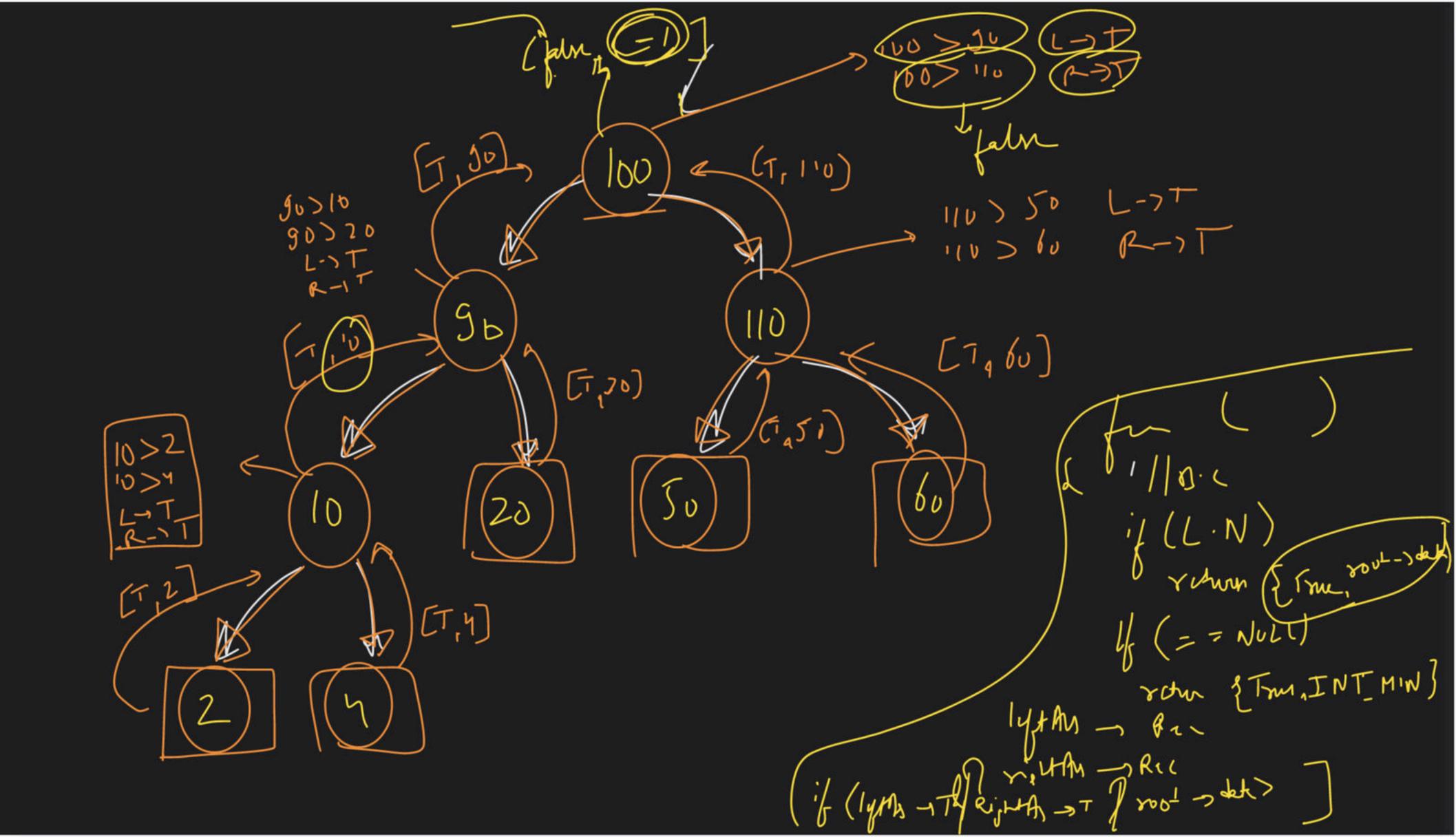
hap mak m) n

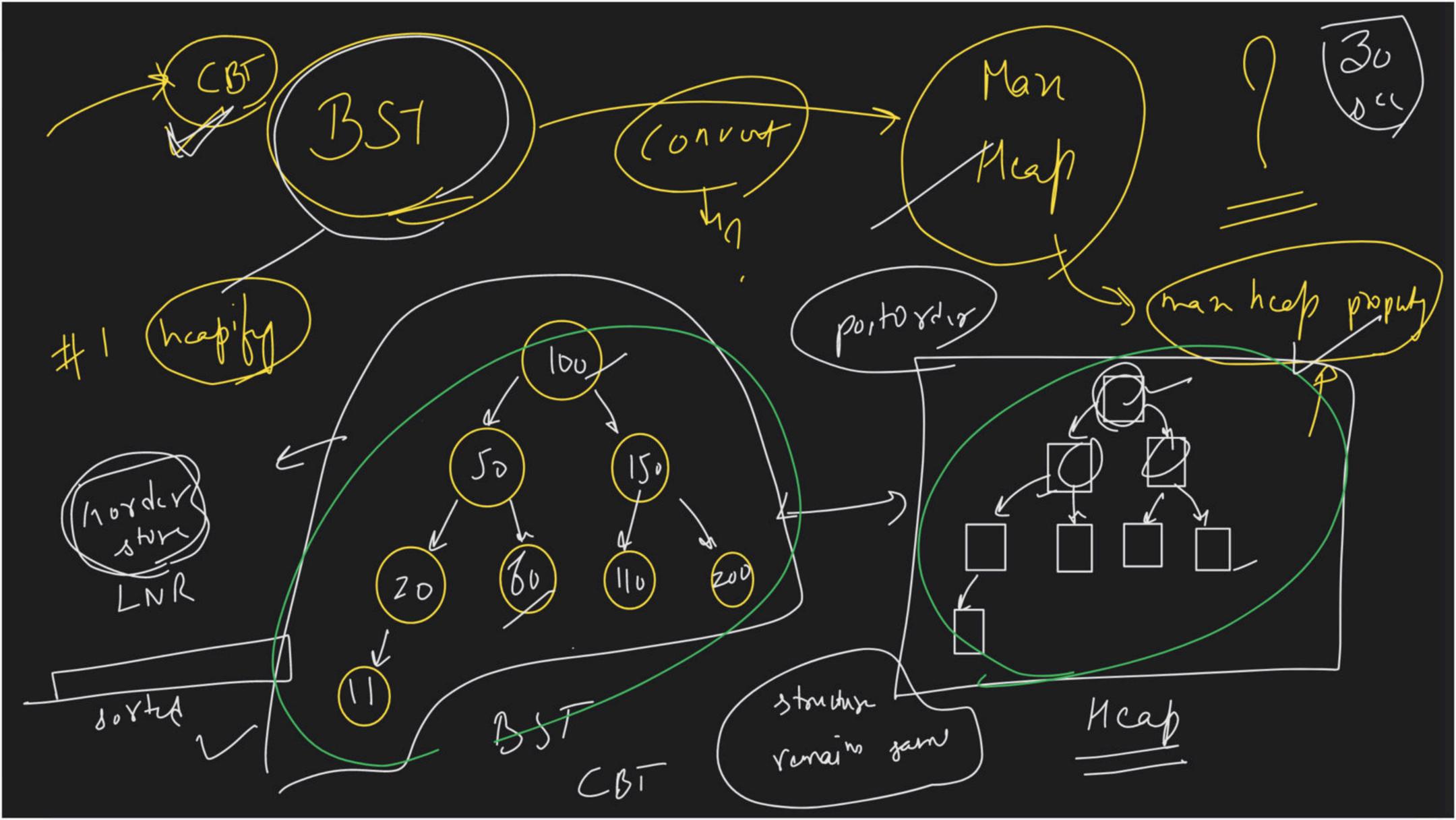


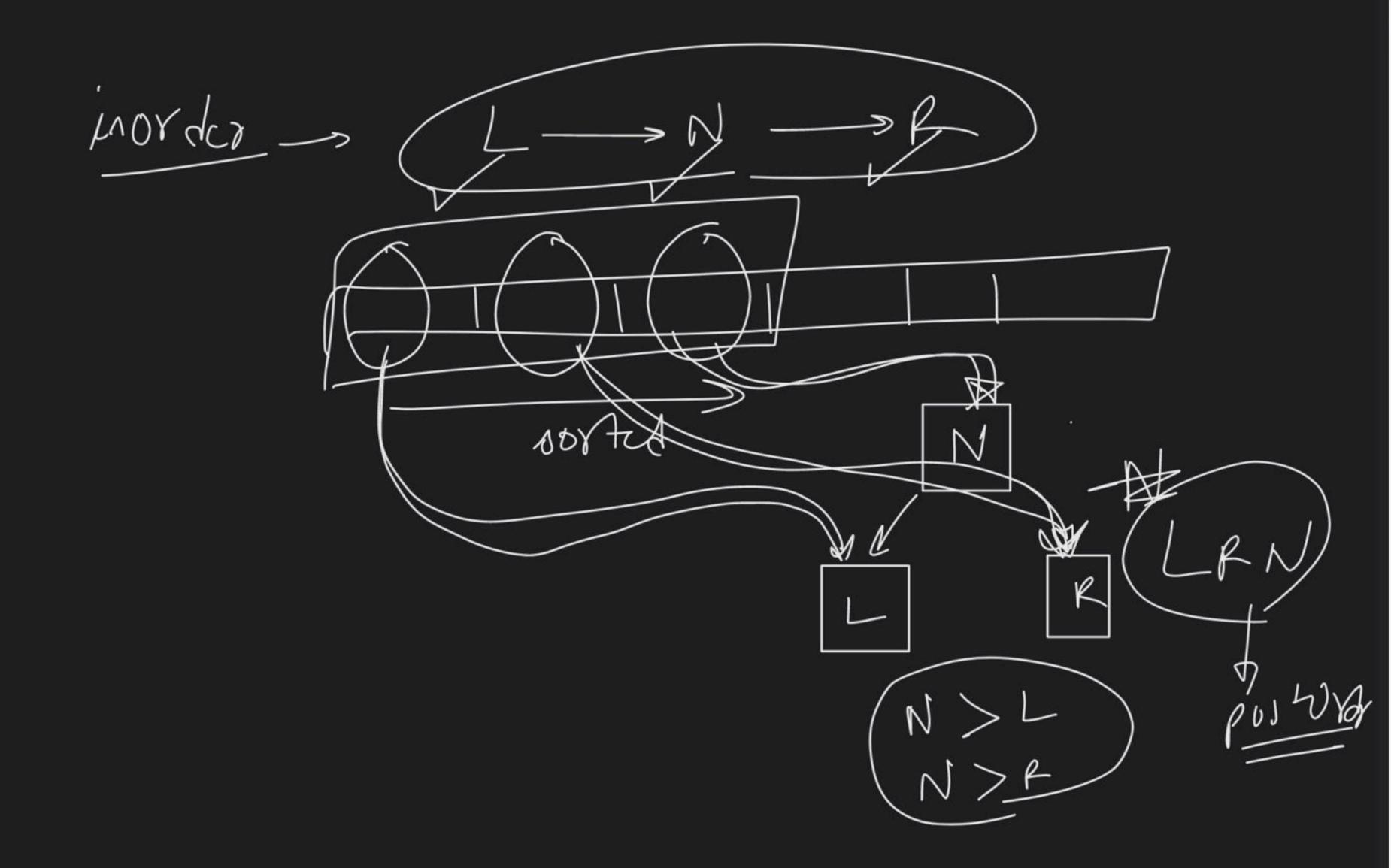
habl. hapl 7

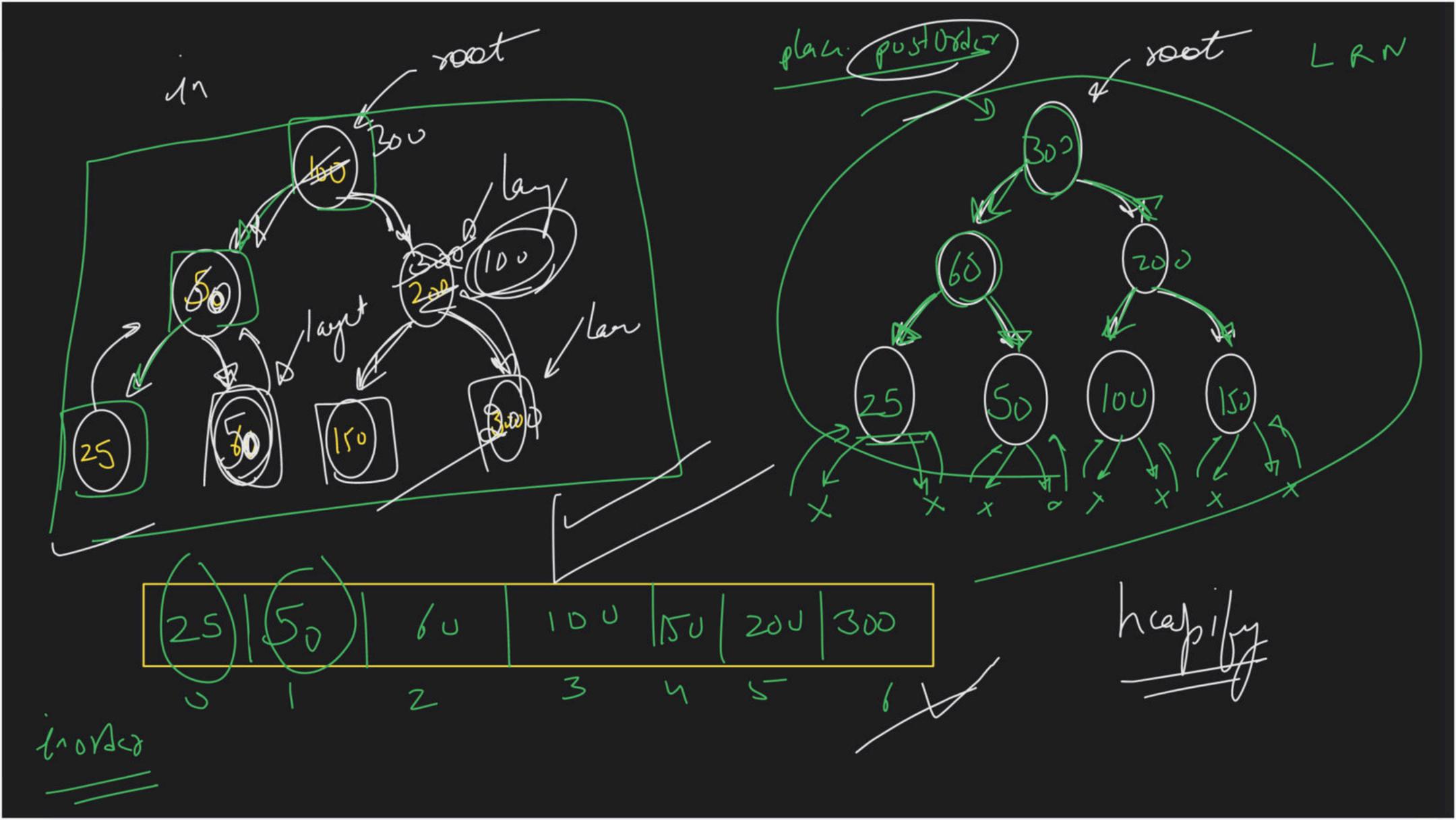






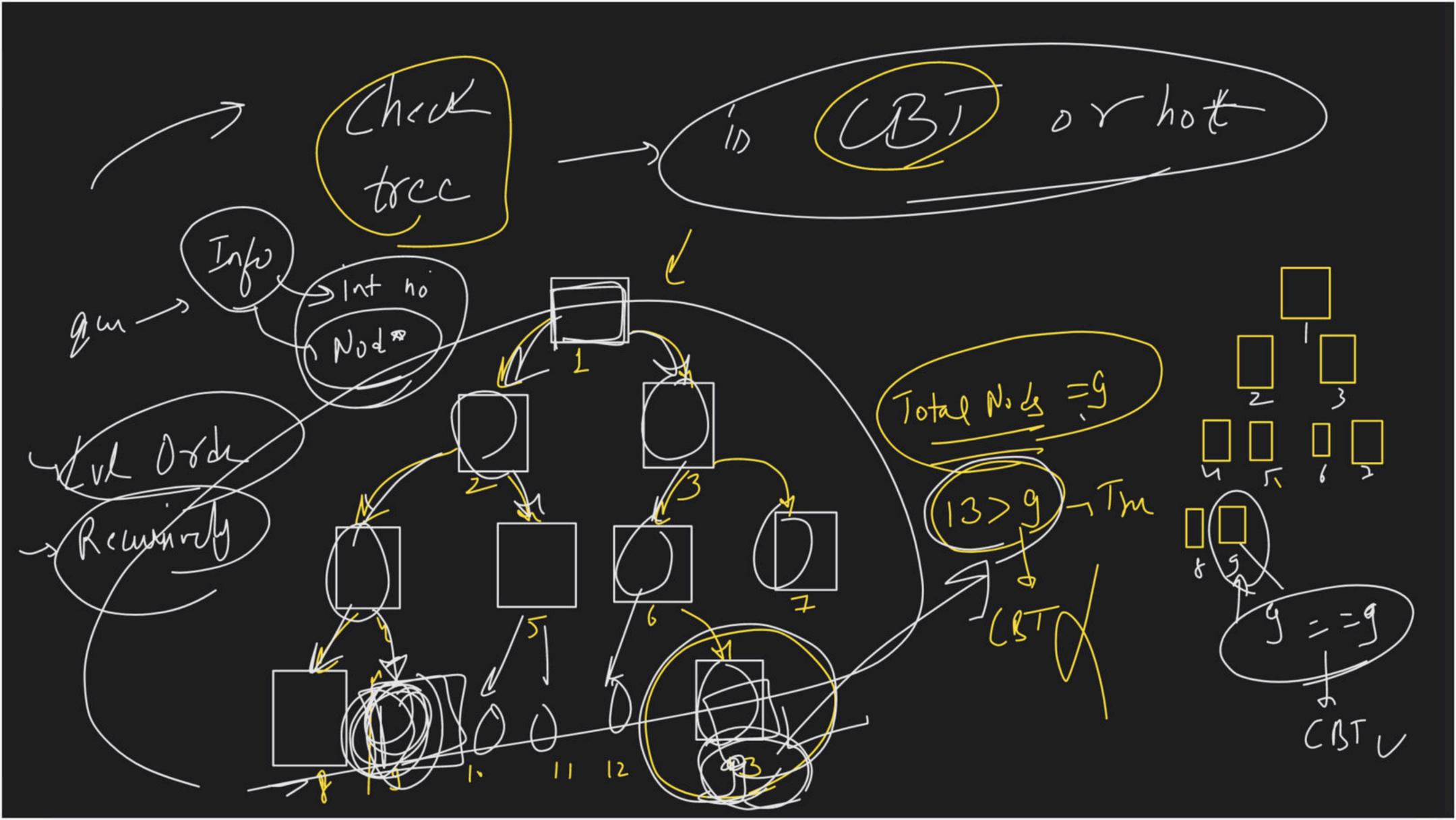


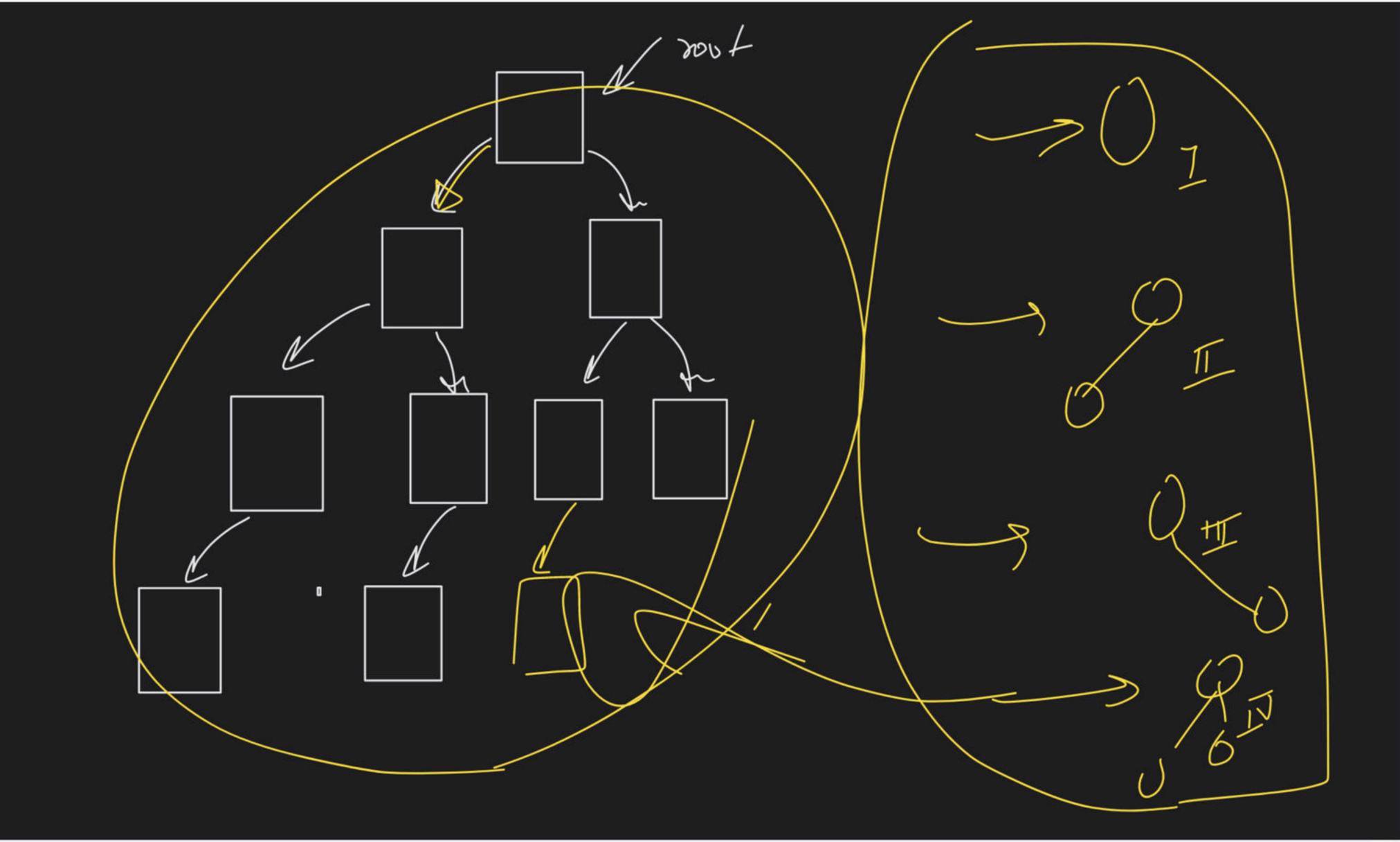


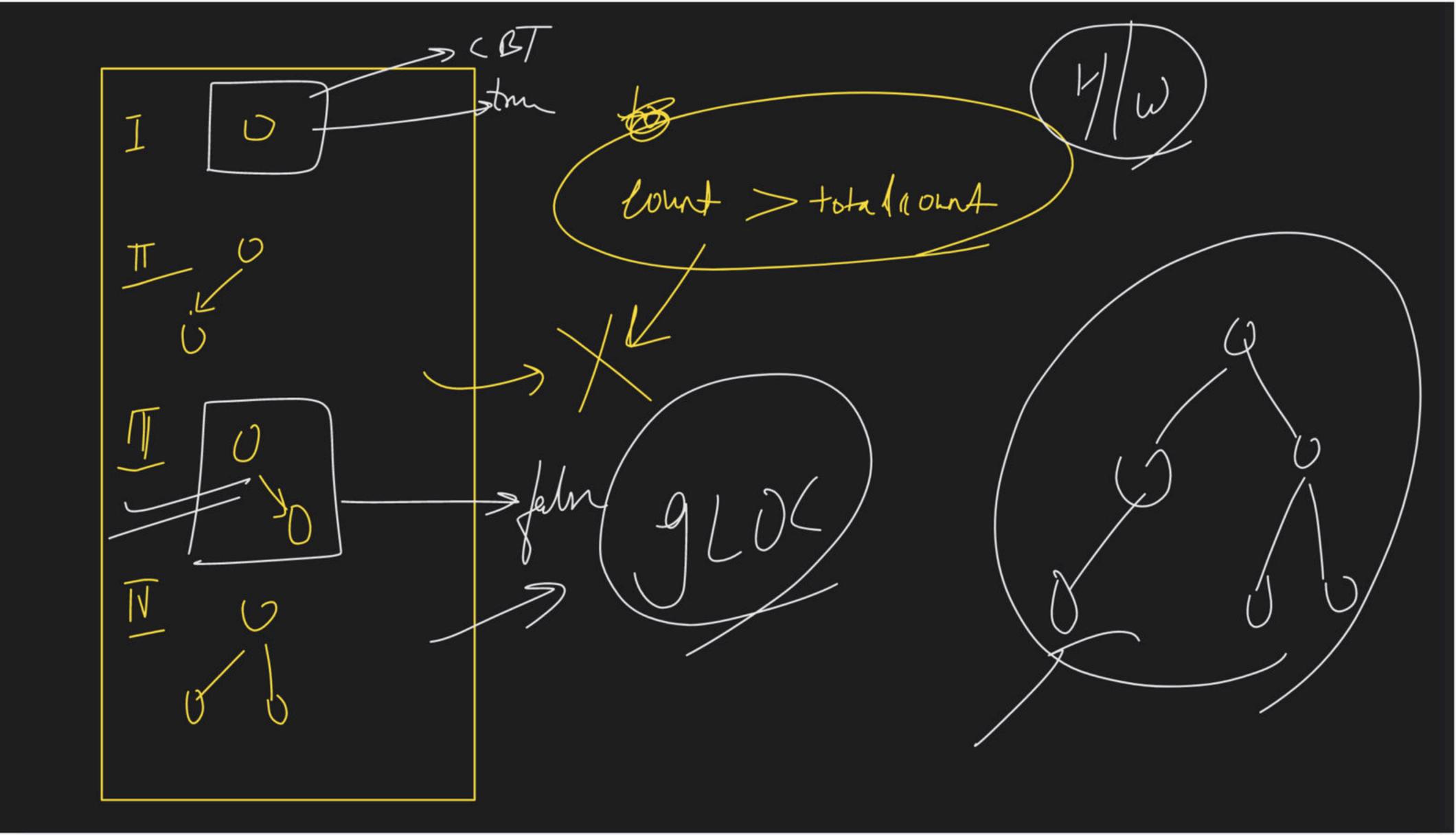


> Post Order 801h

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K- sorted array s mon - Ay Arry J soft ars -surchor aviz

