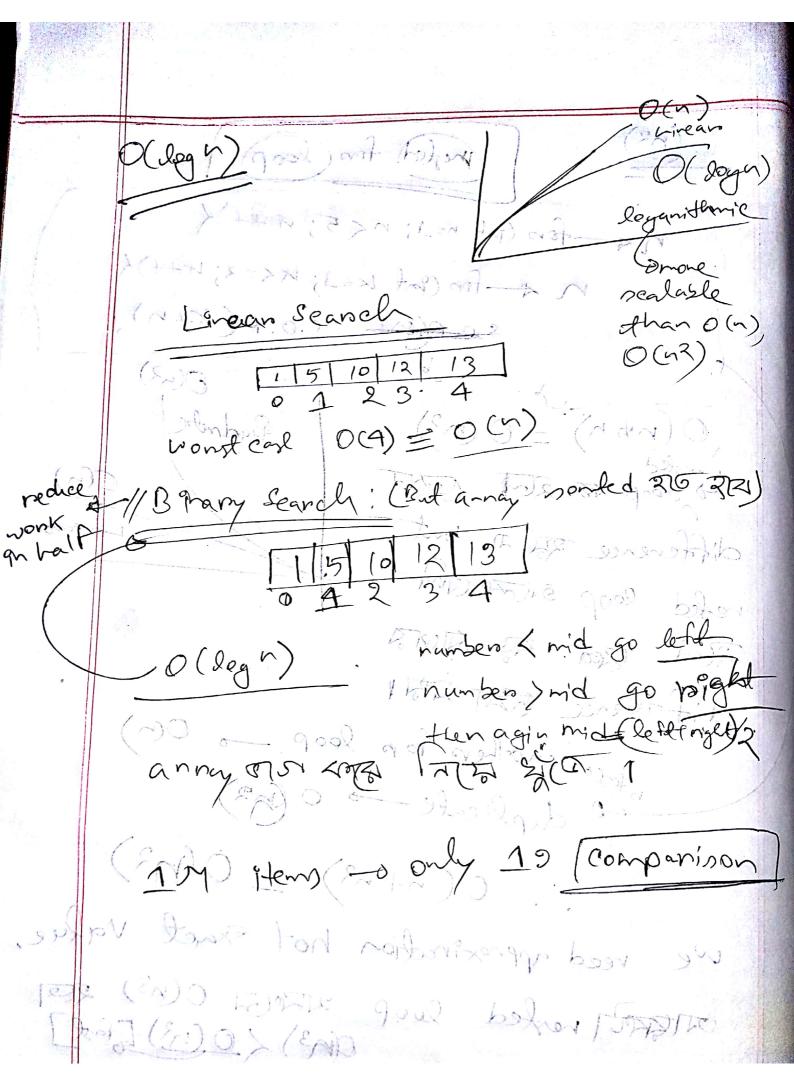
Pant 1 (L) O Appay) (3) Linked Listo] 3 Stacks and 11 or TO BEEN WORDS WITH A Queues 5) Hash tables. Big (10) 1 N 9.5.2 To Algorithm 231 performance Annay, Linklint of office Listing of Space complexity Analysis. to

O(1)
Lo constant time as num aspan s.o.p (n[o])); bohr () on Appropar 278 1720 CAZITA medder word TI constant line 2 monde Always. 8.0.P (n [0]); (2) 8.0.P (n [1]); but generally ue assume the above code to be hevire a complexity of punning constant time.

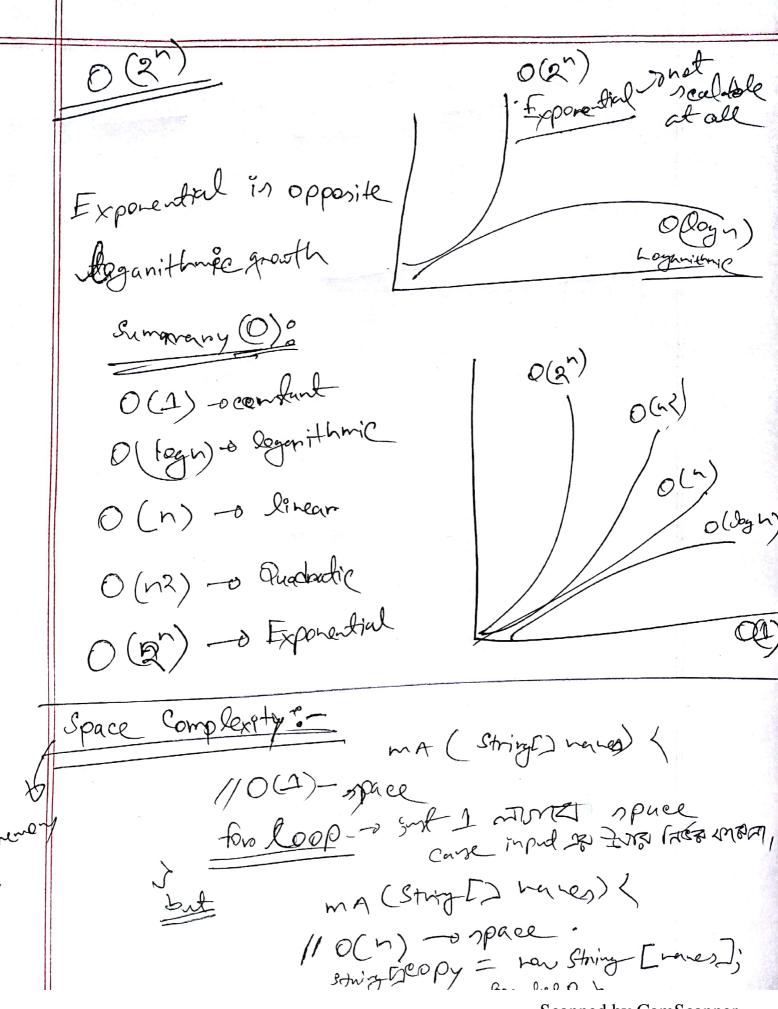
O(n):- (Input rise dependent) for (gut x: number) } -> O(n)
s.o. P (x); S. O.P () (1) for (int x: n) < -> (n) 50.P (x), s.o.p() ATT 215 0 (n+1+1) = 0 (n+2) cause Enpertosize million 20073 OTF घार्य २ पार कहाल ३ जमत क्यू रहाता ज्यात्मणी प्रारक्ष (थादक व यान्तिक प्रानिक्षिप्रक म्ला (पण मामस्य मानि क्यायन)।

mA (P1, P2) { for (and n: x) / - o(n) -> (o(n) S.O.P (n); for (int n: y) <s.o.p(n); o regligable 00(n+n)=0(2n)= 0 (n) O(n+m) but breanly increase कर जारे 166 6 All All 10 36 24 X WED HETE

held for (loop) n + for (nd n=1; n<5; n++)< -for (god K=1; K<=2; K++) < seppersion p(K+n). 0(n/n) = 0 (n/2) (n) Pradratic 1516 260 p 250 250 CONT différence 27 Ambut 600 Que 3/00 10 शूल द्वा वर आला différence (527 ITA) Jose anothers for loop diplicate-0 (n+n3) = 0 (m3) we reed approximation hot sand value. 0(n3) 201 other rested loop sire an3) < 0 (n3) [fast]



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