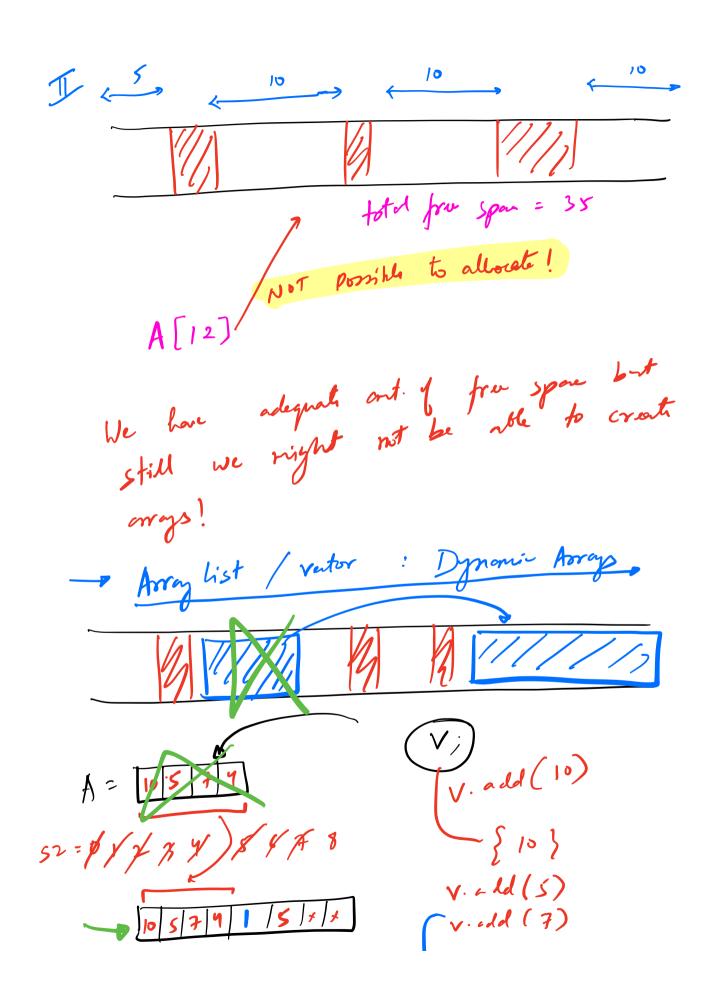
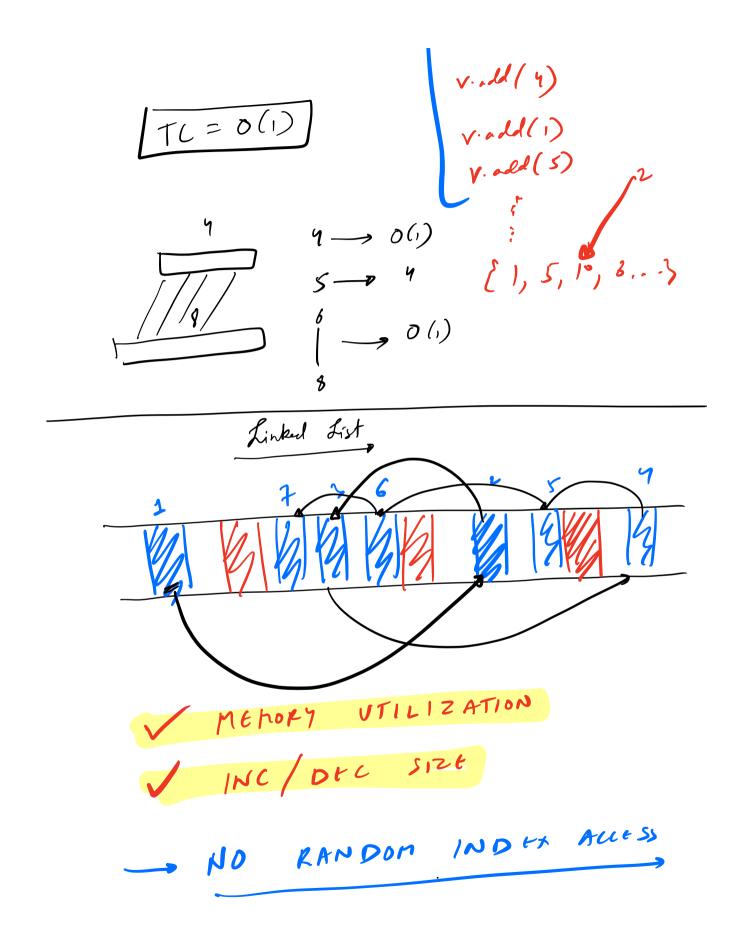
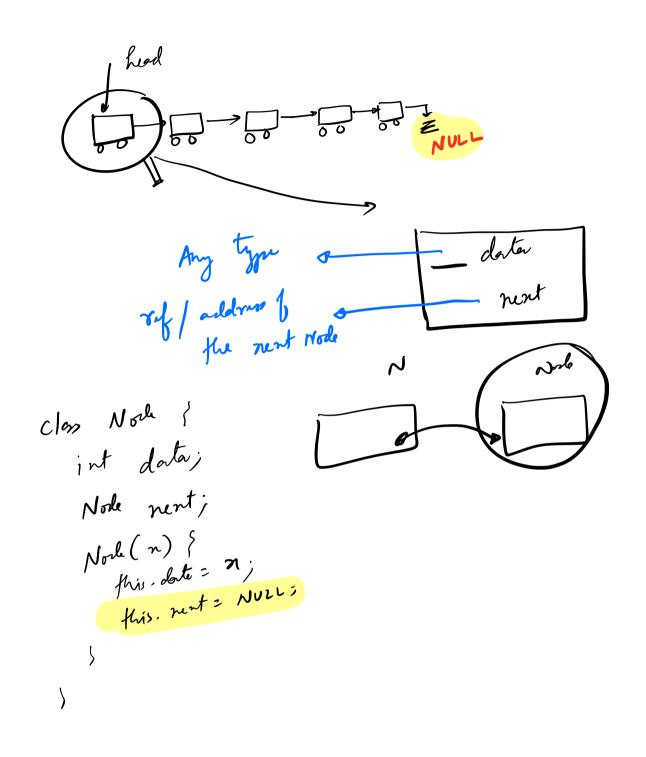
Linked hist int A(10); int A(11); Incresing the size of the Array is INFERSIOLE!



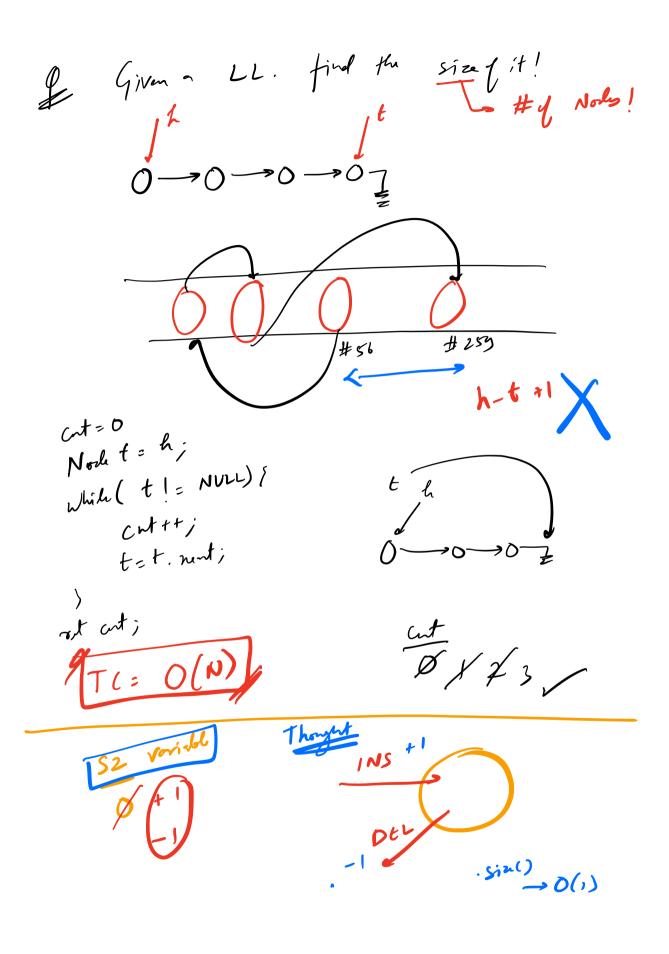




Node head = new Node (1); head. rent = new Norde (5); had. nent. nent = new Norle (3); (reale of for inserting a node of the back of the Linked List! Nobe insert (Nobe head, int val) { I just note with date = vel at the end of LL I ret the ref. of 1st noch (heal). if (head = = NULL) { head = new North (val); get head; > Node t = herd; while (t. rent] = NULL) { t = t. ment; TC: 0(N) t. met = new Norte (val); , rut hed;

LL with values from [1-N]. Corate a Note head = NULL; f(i= 1; i <= N; i++) }
hed = insert(head, i); ret head; TC= O(N2) Maintain head & fail Node head=NULL; Node fail = NULL; f(1=1;1x=N;1++){ heal = new Node(i); fail = head; /elx } tail. nent = new Norte (i); tail: fail. met;

rt hertj tril = tail wat fuil = # 12 III NOTE: MODING IN FRONT! Nole h = NULL; N=9 f (i= N j i7=1 j i--) {
Norte t = new Norte(i) j, t. next = h; h = t ; TC= O(N)



Girm a LL & K, val

Insut a new node (val) at Km pos! 1 0 jus (10, 2) 3 0 Note insert At (head, K, val) {

// rat the head! K7/0 Noh t= per Noh (val); | 0 1

t. next = head; if (K7 Size (heal)) {

The head: Note t = heal; { (i= 1; i<= K-1; irr) { t= t. m-t; >

