

Add in Linked List Add on Finer parition class II & Class Hode & String data; Mode String douter) & This data = daysa: + Asis. next = neill; 1 Add on first bosition Public void addfines (String dosta) & Node hew Mode = new Mode (dayla); 3 (head = = hull) & head = new Mode; netion; new Mode. Mext = heard; head = new Hode; I main method Public Static void main (String angs 17) & 11 Mes = hew 11(); - ("a") Freit ppp. toil ("ei") Artibbo-toil : () Asilfnired. Acid. E

add on last possition Add on Jast position Public void addlast (String darla) ? Hode how Mode = new Mode (dala); If (head = nell)? heard = new Mode; neturn; Hode Cross Hode = head: While Cura Node next = hell ] & Pring Mode = Cunn Mode. hext; Cunnitode next - how Mode; Public void point (1871) & If (head == hull) ? System-out-pointly ("List is empty") Node CurrentVode = head; 2/ Slund = 1 trate short evers / shirt Syesem. out Cura Node. dater+ "->") Every shall everell = shall revers System. out. paintly " null"; 3 in main method Call => List. pointist !!

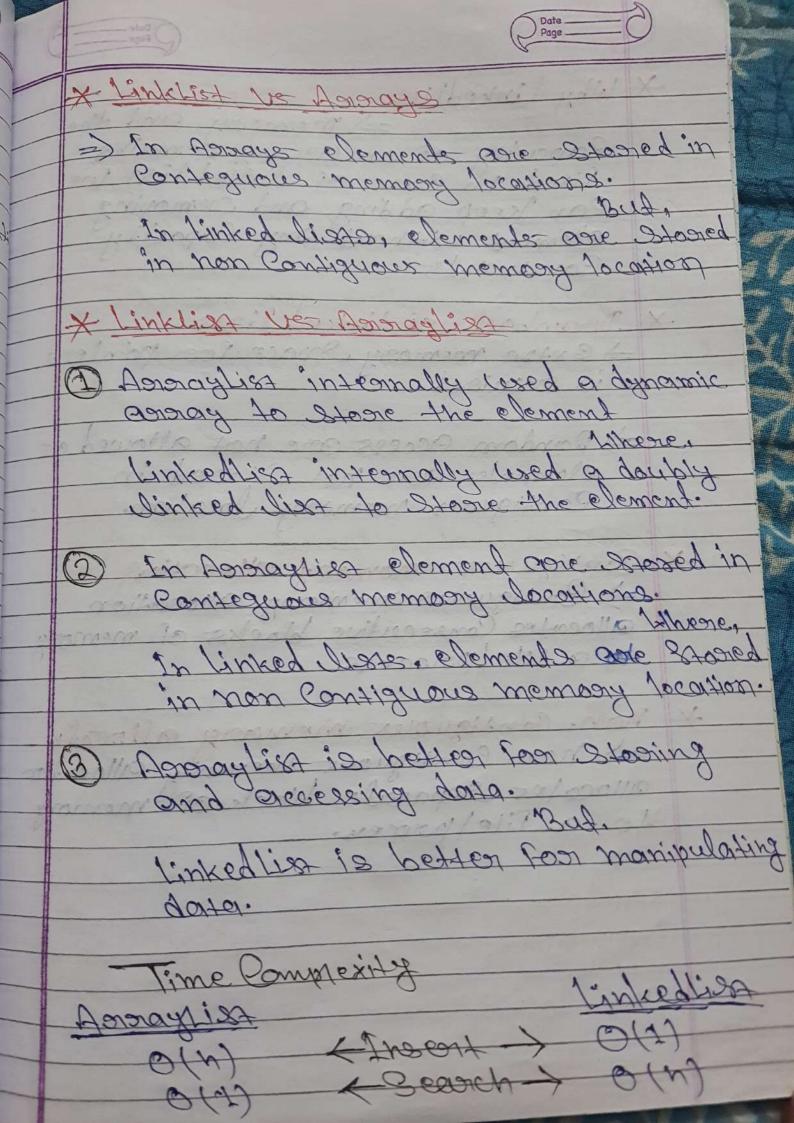
Logic For delete flored Tete our Donlinked his 18 Head This - Sie J - S [a] - S [wat ) Mull => make head to first. Next [The] Is [a] > [a] > [ust] > hull 11 Delete Fines public void deleterisma () ? 3 (Min == post) & System. ored. pointln ("the list is first")

1 One from heard = heard next; + logic for delete last lets own Linked Iss is Head > Thas > Ties -> head => make hull to the Second Joes Head > Trus -> [is] -> [a] ([in] > hul)

From Sise and Understand, Utube > Apra college 11 Delete loss Public void deletelast() & tf / head = = nell) 3 System. point (" The list is empty") oreturn; If I head next == hull) & head = heill; netunn; Node Secondlass = head Hode I costhade = head hert; Stille | last Hode next! = hell) & last Hode - last Hode ; Secondloss = Secondlass. next; Secondlast next = nell; main method lix-deletefissa(); : () FXILLmited . 18th . Us. deletelesso; Delete lun clisitained atopo by

Linked has wing Pollection impost Java-util-x; Clars LIS 1 public 8 terric void main (String enge 17) & 1 linklist (String) DIX = NEW Linked List (String) U. list addfissa ("o"); Ist addfissa ("is"); System. out pointly (list); list-addfinet ("this");
list-addfast ("lixt");
System-out-pointin (lin); System.out.pointly (list. Size()); :11 1x3d-3101913 Avisa. System. out. pointin ("hull") The is, a dist Amo - is - g - lin - mull

Linkedlia function Imposit Jana- ulil-linkedlist; Linkedlist & string animal = new linkedlist Add clement animal. eidd (" Dog"); animal. add (7, "house"); Animal · add Fixed (" Cares"); animal addlast ("Lion"); Access clament animal-get (7); animal. getfinet(); animal-getlast(); protoroth gundel me mater Jana. Utill. Herator Herotory String H (grinds ) terotory While (iterate-haskextu) & 1 System. point (iterate-next 0); => has Next() - oreturn true if there is a hext element => next() - orefern the next element Hasterious () while howevert () tran sail () resolvered (= Change Element Set () Lemone Eloment Demove()



X Why Linked List => memory and the Eapercity of an erangy semains fixed. In case of linked list los Can keep adding and removing element without any capacity X Donawback of Linked Links is required space for pointers => Roundon access one not allowed as elements were not stored in Configuous memory Jocation. 2) Contiguous momory allocation

allocates Consecutive blocks of memory Ho a file process. WERTHOON ENOUG X non-Contiguoles memory allower 211000/es Separate block of memory to a file/proces.

