Add at a Index in linked bist = Hume linkedlist barake mili hai hume oddAl function-* lagana hai! € Special (ase (To remember) * I Jis index pe bola hai uss index pe vo data add head: 5K Krdol Tan): 0(n) tail; 9K s(n):0(1) Size: 5 Case 4 Case 3 Case 2 Case 1 Everything (idx = size) (idx = 0)(idx <0 or ida7 size) Else addfirst logicl addlast print -> Invalid Argument logic 614 Agas hum ath index 200 pe add krna hai toh hum 2-1= 1st index public void addAt (int idn, int val) { if (idx <0 11 idx 7 size) { nikal lo. 1st index ka next new Syso ("Invalid arguments"); node pe point krdo! delse if (idx == 0) { new node ka next aaj addfirst (val); ke and index pe point Jelse if (idx == size) { Kodo | Fir Size badadel add Last (val); step2 Iterate Felse { tenip Node node = new Node(); node. data = val; Node temp = head; for (int i = 0; i < id x - 1; i++)? temp = temp. next; Step3 node-next = temp. next node next = temp next; teny temp. next = node temp.next = node; size++; + (200) -> (20)·

