O. Singly LL @ · Doubly U Doubly Linked List 3. anolow 12 data Idata ingly linked list Head Toil data dala data Doubly next rext rest Pres Pres Drew > Hode Formation class Doubly List? class Hode ? Made the ad int data; Modes lobjeds Mode \* next; paralled by Mode tail Mode prev; Doubly lists Functions -> push back front (Add) or the front Octeate new Hode U. pushfort HON-EMPH else revplode-Treftzhead head-Tpres= new Mode head = fail = new Mode head=newrlode

Printing /void Print ()} Hode + temp = head; while (terf! = Now) { cost cctent-)dotal; temp z temp-next; => Rushback (Adding on the back) 1) Creating revised Mode \* rew Hode = rew Hode (val Pushbade(2) Hon Empty Empty if (header HULI) & else 3 New Mode -> prev ztail headstail & Mel Hode tail-rest = nevolode tail = Hew Mode Pop front (Removing, the element from the front head = head - rext Base Case f (head! 2 HULL) } if (header MUC) head-spiew exiluit "Linked list is temp-rext = MULL delete temp; Emph!

pop back ( Removes elevent from the back) delete temp