Experiment No. Yogesh. T Name of the Experiment Date. IBMIACS 188. Page No. linkes List Implementation Pooble. & Strock hode & Ctract node of back; int data Strock hodre & hert void insert () A int i, position, new data; Struct hode *pt, to temp i) (bead > 2 NULL) & print (" list is Empty") temps head; while (ic postion - l & ftem p1 = KIULL) { tempztemp->next; Positionzz 1) h · ptx > data = new data; pts > next z head; Ptro Prey 2 ptr; head z ptri else if Etempez Hast)? . Pls -> data z new det Prestige

HyDrexta KULL; ptr -> prev = last; last - next z ptr; last 2 ptr; ele if lemp! = NOLL Ptr a desta z new desta; Ptr > next = femp-s next; ptr > preu z femp. id Itemponext 12 Now 10 temps next -> presz pty; tempos next z ptr) se Print ("Invalid Position") else, Word (seede- List ()A Struct hode a ptq; int i ni new-deta; print ((" Enter du no of no by"); Scan ((4. 2", 2n); i) (ns=1) 9 nead a Otruct node &) malloc (size of (struct hate)) if (head I = NULL) ? printflu Enter Value of Klade (;"); sconf ("7d9, Inew dedas); head odedaz new detai)

Experiment No. Date. Name of the Experiment Page No. Pola (Stromade) malloc (majerof) print (" theer value for bode Scan 1 (" -1. d" & new d

· Void delete() 4 Struct node " Ptr; Struct node & temp; print [(Enter the weelest; "); Scar ((or y.d. " & Val); temp ¿ neadi cohile (temp-> dota 1 z Kal) tempztemp snesct; if (temp -) next zz ((c)() print (" connot be deleted "); else il (fem ponext 2 next 2 2 NOLL) temps next 2 NULL; print (" Last Node Duleted"); ptr z dem p. Dnexf; tempora next z pt => hext' pt+ > next & prey = temp; free (ptx) prind (" Node Peleted"); a void display() h Struct hode & por zi head), Ef (Ptrzzhead) print ("(Bmply list "); ele R brugl("Inth Par-> "); while lett ! ZNULL)?

print blatt todi, Ptr -> deuter); Ptr 2 Ptr > nesot;