LAB7 & LAB 8.

1 Soul- [

3

Struct node * ptu = * head

Stunet node + temp = NULL

if (head == NULL) welurn

alse 1

while (Pto1 = NULL) { temp = Ptr - next

while (temp! = NULL){

of (ptr -> data > temp -> data) (i= Ptu + deala

Thu - dala = temp - dala

temp - data = i

temp = temp + next;

Ptu = ptus next.

meresse () {

short node . + puer = NULL

Struct node * next = NULL

Stund node * ptu = + head

while Cptu 1 = NULL) (next = ptu - next

Pen -> next = pur

Pur - ptu

PEH = next

-

1

* head = peur · concatenate (stunet node * pt = 1, stune 1 node * pt = 2) if C PEN! != NULL 44 PEN21 = NULL) if C Ptul - next == NULL) Phul-next - pto2 alse concatinate (ptul - next, ptu2) 3 else & puent - " Either Plui / pluz is NULL " } stunct node & concat (stunet node "Start 1, Stunet node & start 2) Struct node & ptr if (start-1 = = NULL) Shart 1 = Start 2 wetern start 1 if (Stert 2 = = NULL) en las n start 1 Pla = Star 11 while (phi => neafl : NULL) Der - per - nest Plr - nest = start 2 melirn Sast1

Pop C) [Stunet node * ptr if (head = : NULL) Duint ("List a Emply") che & Thu = head head = ptr - next fue (pin) Enque Citim 16 stemet node * ptr + temp Ptr = (struct nodes) mallor (size of (struct node)). Plas data = item. pla - next = NULL il- (head = = NULL) head oper else temp = head 3 while (temps nex (1: NULL) temps temp > nul temp + nest a pla 3

Deque () (Stunct node *pt, if (head = = NULL) 1 Perint " list is empty ". 5 de 2 Pla - head head = promet - Sun (pla) 2