Page Page 1/2/24 LWEEK-7 bouble linked list, Insert a new mode. To the left of the mode, Delete the iontents of the list. #include < stdir. h > # include < stdleb.h > strut Node ? struct Node * frev;

struct Node * pent; strut Node * weste Node (int data) { struct Node * new Node = (struct Node *) malloc (sigeof (strut bode));
ner Node - data: data; new Mode - for = NULL; return newlode; void insertleft (struct * * head, struct Node *

tayet Node, int data) {

(! Larget Node) {

prints ("Error: Tayet mode is purla);

}

Page ____ retur; struct Node new Hoole = createNode (data);

if (taget Node -) pro != NULL)

taget Node > pro I next: new Node;

else

thend: new Node; new Node I per = tayet Node I fer; new Node I next: Tayet Node; tayet Node I few : new Node; E stant Mode * bussent: * head; while (usent!=NUL) {

if (usent-) data := value) {

if (usent-) prev-> next-curent-) sent;

... theod = custent - ment;

if (ussent - ment!= NULL)

custent - ment - per - ment - par;

Date Page free (susent);

Jesitf (Mode with value 1.d deleted successfully

setuan;

3 print! ("Node with value "I dat found In", word display list (steat Node * head) {

fruth Poulle limber list:");

while (head!= NULL) {

printl. ("1'.d-") head " data);

head = head - Nent;

3 struct Node * head = vur;
int shoise data, insertralie, deleteralie; frith ("Tence");

prith ("I Enseit a male m");

prith ("Relete a male ");

printf(" ? display a rode In"); frentfl" enter your shoul:"); soufl". ". I" Schoul; suitet (whoie) E fest! Step data for the new Node!");

Samf E"!. I" S data);

if (head =: NULL)

head = seatemale (data);

else E stant Noch * cussent : feat; while [usent] sent != NVII) wasent = cussent - nent; stant Hode * cussent : head;
while (cuspert-) ment!= NULL)

suspent = cuspert-) ment; prints ("Enles the value of sol to Selete");

soul ("/. I" Shelete Kalwe);

Selete Mode (Shear delete Value);

display list (hed) frith "Friting the program"); lefault.

pents ("Existing the flogram")

louch Zehile (choice!=4); Outfut: Menue: 3) Perplay list

