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1BM19C8005
Lab-6
Hindude (stdio. 4)
# include (8tdlib.h)
Void ouatel);
void displayed
void displaye)  void delete-post();
void delete()
void delete-leste)
struct node
¿ int id;
ther name [50]
int sem;
struct node * peet?
Struct node * head= NULL;
int main (int age, char ++ argu)
E int choice, ch;
dos
print (1. create) n 2. Display n 3. Delete the first element In
element \n"),
point? (" \n Enter uper clisice: ")
sant ("/d", 8 dorre);
Switch (choice)
¿ case 1: treatecs; break;
(are d': display (); break;
case 3: délité-posico; break;
case 4° deletels; break;
(are 5; delete-last(); brest; delautt: Paris et ("1222 - el ")
default: printf l'Wrong choice ");
print [" In Pouss I if you want to continue else
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any other number \n"); scard ("%.d", 8ch);
3 while (ch = 1) seturn o reater) Strut node neunode, & temp; newhode = (stant mode \*) melloe (sire of (struct no de)) print + (" Enter the student id name and sem: "); stant (""/.d", &ID); pry=0; jt+ newhode namegijengij, if (njjz='\o') new mode -> sem= 8; if [head=: NULL) newpode > next = NULL' head = new mode; print ! Node is Glated n') else temp = head; while (temp > next |= NUCL) temp - temp -> next temp > next = newwode'

Newwode > next = NULL; print (" Node is reated \n") Novd display() Ataut node \* ptr = NULL! pti: head: of latrice NULL E paint ("Nothing to point (n")) } 2 while (pts | ENULL) & point (" \1D: /. of \t Name: /. 8 \t 8em: /. d/n" ptr-sid, ptr-name, ptr-sem) Rts- Pta-next Void voud delete\_post() & if Chead: NULL) E print (" Empty list (ant delete \n"), return, else & head = head > next; 3 void deleter) print ("Enter the student D which has to be scarf (" f.d", & ele); Stand wale \* temp, \* del: NULL. il Ched=NULL) 5 turp: head; empty list. Land delde \n"); returns if Ctemp > Ed == ele) ( head = head -> rest; gretwon; 3

