	Page No.
NAMEL	ANSHUL HC
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a. I. Link but	
06) WAP to Implement Singly and	and popular
and there	DE 1
	in the ly
	Enked lyl.
Sperifiedelement and of the contents of the	, taly.
-> # include Cetdio.hz	
#include Cotallibry	
Short node	
L	
int id;	
char name E20]	
int sen;	
3 stroct røde * next;	
9;	
Strict node head=NULL;	
void linkedlist ():	
void insert vode ():	
Void delete Node (int):	
void deleterrode At Begins!	
void deleterrode OF brien .	
void displaylist().	
int bise 201	
int main ()	
2 linkedlist();	
Returno;	
7.	. U Guerra
	Arghul m

Page No. NAME ANSHUL H. SURANA USN : 18M19(5020 vod linkedlist ) Int choice I choice 2; printe ("In Enter the Operation"); prints ("In doubt rode in 2-Delete rode in 3. Display list In 4. Exit. In choice "1. Scort ("1.d", 8 choice I); switch (choice I) inseat Node (); berook; case?: prints ("In J. At the First Bontion 1/2. At End of list It 3. At Criven Element Peritonin Chare: "); Scant ( " 1.9" 8 choice 2): moitele (choice 2) case 2: deleterrode(1); proof. delek Node (2); beeck; case 3: deleterade (3); default: Printel" In Input Error try Again In"]; linkedlist(); Case 3: display list (); beeak: default: printe ("In Input error, Try again! In"). linkedlit ();

Page No. NAME : ANSHUL H- SURANA Date USU : 1BM19CS020 void insent rode 2 strict node \* newnode \* temp; newhode = (8 mat pode ) mayor (5) ent (8) printf ("In Enter the Details) bount (" / 20"); Scart (".1.4", 8 (verado 2/9). printe (" Name!"); seart ["1.5" (newnode trang) printel" sen:"). Sant! ". 1.d" & Creunode Ten). (LUVI = = boad = 7) newnode thext = null; head = newnode; printf ("In Node Created linkedlist(); Sizett: for (temp-head; (temp-next)) = nucl; temp= (temptrex)); neunode - next= null; tempt next - newnode; Size + + 1 printfl" In vode Greakd"); linkedlist (). void delete vode (int flag) if (head = = NULL) printfluln The List is Empty In"). intedute); Anshut Hosaicana it ( head + next = = nou

NAME SANSHUL H-SURANA USN & IBM 19CSO2 O Printe (" In Node Deleted free (head); head = NULL; Inkedlist(); else switch (flag) { cose I: deleterodeA+ Begin (); break: Case 2; deleterade A+ End (); beeck; Case 3: delete Node of Given (). beack! linkedligt(); word deleterodeAtBegar) Street node \* temp = head; head = head -> next; free (temp); printfl" in Node Deleted"; () bost Asbordeles biest Strat rade + temp= head; head = head trest; tree (tempte tnext); temptnext= NULL; printf ("In vode Deleted"); void deleterode of Green) I shot node \* temp 1 = head \* fembs tembs. Argunt H. Suano

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NAME & ANSHUL H. SURANA
  UNSIBMIACCOZO
  Printf (" In Enter the element")
  8cont (".1.d", 8 ele);
   for ( temps; temps > vext != NULL ; temps = temps =
      temp2 = temp1 -> next;
         if (temp2 -> id = = ele)
        { tempt -) next = temp2 -> next;
            tree (temp 2);
           printf ("In Node Deleted");
           seturo;
       (tempt > id = = ele)
          head = femp 2;
            free (temp 1);
           printfl"In Node Deleted");
            return;
    printfl" In Element Not present in the List");
     linked List();
 void displaylist()
& if Chead == NULL)
      printf ["In Empty List In"];
        linked List(); 4
      printf("In The List 13:");
    for 1 struct node + tempshead; temp! = NULL; tempsterne
    printf (" In Student Details");
    printf ("In ID: "I.d", temp-rid);
    prints (" In Name: "105", temp-iname);
printf (" la bem : o lod", temp + sem);
```