lab 6: # include < stdio. 67 Name: AMIT . R # include < storing of USN: 18M19 C5016 # include < stallip. do > void counte (); void del (chas x); void del-loca ();
weid display ();
woid inserthed (); struct vode dan name [20]; char il [10];
int som;
struct node * next; struct wate + had - NULL; void mais () jutc; cher ele [10]; posint ("enter choice: 1. create 2. display 3.

delete 4. insert before 5. delete beginning 6. delete

end 7. exit (n"); scanf ("1.d", &c); Switch (c) case (: create (); break; case z: display (); breek; case 3: prints (" Enter elect id to be deleted in); scanf ("1.5", ele); break;

del bey (); break; del end (); brocat; ext(0); break; 3 while (1); void conse() struct made * nermode, * temp; chan n[20], idifio]; int 5; newnode = (struct node +) millor (size of (struct vode)); posint ("Enter data: name, id & sem ("); scanf ("1.5,1.5,1.d", n,id1, &s); stocky (neurode -> name, n); stropy (nemade -> id , id); remade -> sem = 8; if (head = = NULL) nernade > next = NULL; head = neumode; fritt ("Node is orested \n"); temp = head; while (temp > next (= NULC) { lenf = lenf 7 rest; } Jemp > next = nemode; print ("Node Greated in");

void display () storet nade * ptos = NULL; to = head; if (pts == NULL) parity (" No clement to part ("); · while (pto 1 = NULL (pto -> name); points (pto > id); prints ("/d \n", pto > sem); del (char idi [10]) struct hade *femp, * del = NULL; if Chead == NULL)

porinte ("tempty list \n"); temp = head; if (strump (land >> id, id) == 0 head = head > next while (fem) -> next (= NULL)

if Cateromp (Jamp = next => id, id) ==0) del = temp -> next; if (del > next == NULL) temp -> next = NULL; else femp -> next = del -> next; temp = temp > next; insporthead () struit node * newrode; ghun n[20], id[[10]; int 5; print ("Elder name, sem id at heal"); scanf ("1.5 1.5 1.2", n, id, 25); nounade = (street node +) malloc (sixof (stanfunde)) stacky (neurode > name, n); stacky (neurale > id id); scanf ("/d", 15);
nemode > next = had; head = newnode; void del beg()
stouct rede * pto; if (head = = NULL) printf ("compty list \"); fter = head; head = fter -> next;

free (pts);
print ("beging nod deleted \n"); del - end () struct node * kup, * pts; if (head = = NULL) bristle (" Empty list \n"); else if (head - next == NULL) head = NULL; fræ (hed);
printf ("Siègle nade deletation"); while (pto -> next / = NULL) temp = pto; pton = pton -> next; temp -> next = NULL; free (ptr); printf ("Deleted node from last ... \").