LAB-L

# include estations

# include estations

# include estations

# include estations

word cleate (1;

void desplay (1);

void desplay (1);

void invertion (int);

void invertion (int);

void delete (1;

void del

int count = 0;
int main (int auge, charactery)

14 toct hole " next;

int choice, ele, a;

Protest ("1. Invertor encl 2. Iswell at begin 3. Arret art any parity. M. Deleted at the end 5. Deletect beging 6. Helete at a parity, 7. Dinyly);

part (on Enter gove choice: "); reary (itel, & choice); Awitch (choice) Care l': Create (); break; Core 2 : Frient - beg (); break Cares: printf ( "Enter the peritar to se insertalin) 100y ("7d", & ele); Philipson inbert pay (ele). break; (areti: delete (); beeat; lare 5. del beg (1 brech; Careb: print ( "Entre the position); Acan ["I-de bas; delpor(a); break; Care 7: Dinglay () break, Case 8: exit(o); 3 while (choice!=8);

```
void acate ()
i struct node * new node, * terp;
  int sent, and
 Char have [[20]
real ("To tod Tod", have ( & usy 1, & sent);
new vode = (Atroct node") mallooc (pize of (Atretude)
streld (nom noge) sand variets.
 new moded with = unn!;
 new mode - sen - sen!
if thead = words
   newwode -) mext= NO(L)
  head = new ode;
   print ("Node accepted hu");
 temp = head:
  while Crendnex (= buc)
     temps temp of next;
 teay - heat; new mode;
 remore - rext-marri.
    Print ("Node created lu");
   coveter;
```

void desply () queent ("Nothis to paint"); painty (c/A", ptr3 have), quent & (" Y-2", pt v 2 wow); peins ("dal", pt, + meni); ptr -ptr skext; struct vode new ode; jut seml, ust !; Char harel [20]; perit ("Enoy Maine Usis News of student: "); scouf ("Is. Id Y-d", have I, beaut); new node = (struct node ) malloc (112e of (1trustrales))

orticely (new roots nemodes ush = ush! newnde -1 sen ! new roled hexte = head; head = new mode) consteti void deletel) Estad hole terpt NUIL; i'nt sen', won !; char have 1 [20]; if (head = NULC) painty (whiched not incents of; ten = head; while (tent shew shext jenner) Eterp = temp suent; sen (=temp > next > sem;

un) = temp > next > sem; parent (" student of o deletred = 4.00 rd rd, word, confiner temp of next = wocg (out -- )

void delpos(intp) Atroct mode \* temp = NULL; int real y count; Chach race ([20]; if (head=NULL) paint (" Laked lant incepts") esse of Counties) part ("the party exceeds the no froder't elre of (p==1) A topy (namel , head I were); rem ( = head > sem; un 1 shead tun perat ( "the studed if delate = 45 to 12 ; rouel, with temp zh eadi head = temp = I next; free (temp); (-- + ~ co) elre ? inti; struct node temp captr tery = head; for (i=2; ill; itt) temp - temp suext;

strong (havel, temp snext sname); rem! = teng I next of rem; wsn (= tery - need - ) cur; grand Lithe student into deletel= X-1 to Xal [novel, un], & It's stend I next; teup -) next = temp of next I next; free (gtr)" (00 xt -- )