

RODE work, temp genedell; Jeny rayo ireny Long wink NULL; if ( pinet NULL) survey tony; lemp - link first, furt = Lemp; letarn first, NODE delete sear (NODE first) NODE CUY, LOVEY, 4 (first : NULL) Periot ( 'Empty"). authora first, if (first + link => NULL) ? pointf(" iron delited is lid loi ) first sintof fue first) entwen NULL; Bur Nilly we have; while I case I link 1: NULL)

```
feer = aur,
 Clear-acq sling.
 kerintf ("item deleted at evan-end is 1.d", cun-) info ).
 ferer (cour);
 peris perev + link : NULL,
   detun first.
void display ( NODE first)
 NODE Leng;
if (first == NULL)
 perintf ("hist empty");
  for (temp = first; long ! = NULL; lemp = temp - eink)
     perint { (" / d", long - info);
void count (NODE first)
PNODE semp,
 int coerat = 1,.
 whele ( temp - s link 1 = NULL)
    Jemp ? Homp I lik,.
    Count + : 2;
```

facintf ("Longth of Linked list is of od", count), Void search (NODE first) int item, court >1; NODE temp = first perintf ("enter data to be slaucked"), Sery (" V.d", Dixem). while ( long - info! Hem) Jemp 2 Jemp - Link, Count = L; 4 (feny I : NULL) Ruint ("Data is present at 1 d", ount), feithf (" the uccessful Search") NOOF onder est (NOOF first) ent Suropped 15 NODE POIL IPPENULY

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if ( finst :: NOU)
    suturn first;
   Swaffed 20;
   while (froz - link 1 = 4 to)
             - info prod - wink - info;
             I link infortenp;
ent mainl?
eat item, chrice, pos, i, n;
 MODE fixt = NULY
for(;;)
puint [" In Insort In 2. Relite - war In3. Risplay In4. Court
```

ITT. Scarch Ing. Ouder J. Exit); Ruinof (" Enter the choice"); Scarf ("'/'d", & choice); Suntch/ choice); casel : Recent ("Enter element"), scarpi"/d", item); first = insect pount (first team), beccak, ease 2: fixed delete (forest elean (giset), beeck, ceses! display (first); (ount (first); Edeak, crees à Secucal first); Buck; Case 6: first = seder - list (first), bollak, Case 7: exit(o); default: felial [ "Invalid Irput"); becan;