

int info;

Glant node # link;

3; (first = +12/4) typedel strut node * NODE; NODE getnodel)? NODE X; x = (NODE) malloc (size of (struct node)); if (x == num) 300m) brown while 300m esuitlo); ectuen x; (Comment of the company) Elle Emply 12879)? void frunde (nore n)

jui (n);

NODE insett Roant (NODE first, int NODE temps temp = getnode (); temp -> info = items; temp -> Link = nul; if (first=== NVU) setuen temp; demp -> link = first;

first = demp;

return first; (NEDER) molled (size of hardweet noch; ?):

NODE dolte-reas (NODE first)? NODE cus, prer; if (first = = NULL)?

P[(" EMPTY");

Leturn first;

) if (first -> link == NULL) { P/lu dubted i tem is i/od , first-rinfo]

fere (first);

enoun MUU;

3 prev = NULL; us = first; while (cut->link!= NULL)? Pf ("item deletedis %d", ens-rinfo): fu (cus);
preve -> link = NULL; utuen first:

void display (more first)? MODE demp;

J [first == null)?

Pfto: Empty L367?);

3 for (temp=first; temp!= NULL; temp Pf ("hd, temp-sinfo);

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void search (int key, NODE first)?
   NODE cus;
   if Cfirst == NULL)?

pf (" list is empry");

Retuen;
   (3000 A16003 11) ] .
      White Depose of
   cus = finst;
    while ( us! = NULL)
         if (Key = = ens -> info) bruck;
        cus = cus->link;
            Notice ( ent ( = MULL) !
      i) (cul = = MUU)
            -P/Commonnesseur");
              setur;
          (" successful ")s
```

Ma count (NODE (irst)? NODE cus; int wount = 0; if (first== NULL) } Pfl" kength zero"); cut = filest not euscey) i (un-> link = > nun) } P(Gone element");
3 d'estur 4; while (ul!= NULL) { cul = uy -> link;
count+1; i) (cul = = NULLE) sufuer; letuen wunt;

oudes-list (int item, NODE first) ? MODE temp, prev, cus; temp - getnode (); temp-> info = item; temp-> link = NULL; no dements if (first == nuce) return temps if (idem cfirst - 1 enfo) femp-slink = first; prev=Mull; ent=first; ust of the PRIV = MILLE: undition while (cus!= NULL ff item 7 cus ->in/o) Prev = cus; cur = cus -> link; House (3400) brick pleve -> link = temp; temp -> link = cus; return first; B (M. Masuri & Exters) 19

come to special (" enter the Heart to the o issured in sudued his 1): int mais ()? int item, chois, count; MODE first = NULL: int X, is MODE a, b' (0) 100 1 Just V for (3;) prints ("In 1. Front Jort 102. delet eas no 3. displayin 4. countifiens 155. Southist Inn); Pfluentuchorun)? Ogluentuchorun)?

switch Cenoiu) { case 1: point ("entre me item at

front-end \n");

sc/(" "d", bitem):

prost = insert funt (fist gitem):

break; case 2: first = debt-dear (first);
bacok; casele: count - length (first);

pfli' length Citums) in 1m list is /.d \n")

wound);

herek; case 6: paint (" entir the item to be insuted in ordered hist): gl''ld', i'lw);

ordi-list(i'lu, fiss);

budl; Hourseou'l (0); de anom proffers 3. Frest frest von