Void Print List (shuch node * n) { while (n!= NULL) } print ("/d", n -> data); n=n-next; { print List (head); neturno; 3 2 Intiolier un liste: Noce xinitaliser () { 3 return NULL void main ()} Nous * ptr Nous; ptr Nous = initalier();

Node (head) int main ()} & struct Node } int data; strict *Node * next; Struct Node + lead = NULL; shuch Node x second = NULL; shud Nede * third = NULL; head = (should Node+) matter (rigeof (struct Node*)); seconde = (struct Node*) malloc (size of (struct Node)); third = (struct Node*) malloc (size of (struct Node)); head -> data = 1; head - next - second; Record - data ze; second => neat = third; Hind - data = 3; third -> next = NULL;

```
@ Creation d'une liste
 typedef stud cellule ?
    ind wat:
    cellule * xxiv;
   3 cellule;
 cellule * Cheation (int n) }
     cellule * p, *tete, *9;
      in X his
      p=malloc (ingest (cellule));
      scanf ("/d", &x);
       P-> Val = X;
       P-> Mir = NULL;
       tete = P;
       for(i=0; i<n; i++){
           p=matloc (xieof (cellule));
xanf ("1.d", gx);
            P-rial=Ki
            p-> suit = PULL; q-> xuit-p;
         natura tete;
```

```
@ Affichage:
   3 ( ) rison tui
      cellule * liste;
       liste = création(4);
       neturno;
Affichage dem liste:
    void affichage (cellule * {)}
        while ( f! = AULL) }
          print (", 12", l-snat);
        ; vilk = 1=1 5
Einstein & J'une Val Lans une like Chaine
ind exist cellulex l, ind a) {
                                    () riboration
                                    cellule x liste = cocation (4)
  while ( l! = NULL & & b = = 0) {
                                     if (exist (list, 16))
       if (l-> val ==a) {
                                        print ("cette")
                                     else paints ("oups");
      else l -> saire's
                                      neturo;
  netrub;?
```

```
Mombre d'occinence dans une like chaine;
   int nb_occ (cellulity inta)?
                                           indmain () §
       in C=0;
                                           cellate x liste - Chiation (4);
      while (@!=NULL) }
                                           print ("nor oce! ",
          if(l \rightarrow val = = a)
                                               nb occ (liste, 18);
         \begin{array}{c} C++;\\ l=l \longrightarrow xuv;\\ \text{else}\\ 1=l \longrightarrow xuv;\\ \end{array}
                                           neturn Oi
      neturne;
 @ ajout d'un et Las eve liste Craine (ci la fin)
   cellule rajour fin (cellule xol, inta) ?
        cellule *p; * tete=1;
        p = malloc (size of (cellule));
        p-> 120 = a;
        p-sais=NULL;
        while (I -> Mil = NULL) ?
           P=P-smis;
        l => xuio = P;
neturn tote;
```