Consider a= [1,2,3] b = [4,5,6] and nerge a and and get C=[1,2,3,4,5,6] as size (a) I size of line ) 6: line (b) / Singe of (but) Puta [] = 21,2,33 inthe J = 13483 inte Ejo int C [ a+6] for ( i =0 ; i = a ; i++) e Cij= a Cij for (j=0; j 2b; i++) c[a+j] = bCjJ.For (K=0; K L ( heth) i lett)

90030 930 79 م قا النا المالية for (1:0: 12910; 1+1) Get a input from the use using dynamic allocation at runtine for n=1 int main () Int # ptr = malloc (N\* line of lint)). for (:=0; iLN; i++) points ("1.d", # (ptr+i)); List wing linked list Struct node. Strut node \* link;

Findude 1 Hdbb. h> Struct node • int data; Struct node " ptr Put nian () Struct node \* head = malloc & ringe of litrary in Head -> 10 Struct node # fail = malloc l'rige of (struct node) tail I data = 20; rail I per = Null Head -> ptr = Tail Struct node \* temp = mallor ( size of ( struct node)) tail ) deta = 30. tail -> ptr - 300 Null

F(n) = 
$$\int T(n|x) + 1 \quad n > 1$$
  
Find  $Tp ?$ 

$$T(n) = T(n|x) + 1$$

$$= T(n|x) + 2$$

$$= T(n|x) + 2 + 1$$

$$= T(n|x) + 3$$

$$= T(n|x) + 3$$

$$= \int_{0}^{\infty} (N/2^{3}) d^{3}$$