



Linked List - Part IV

Course on Data Structure



CS & IT Engineering

Data Structure

Linked List

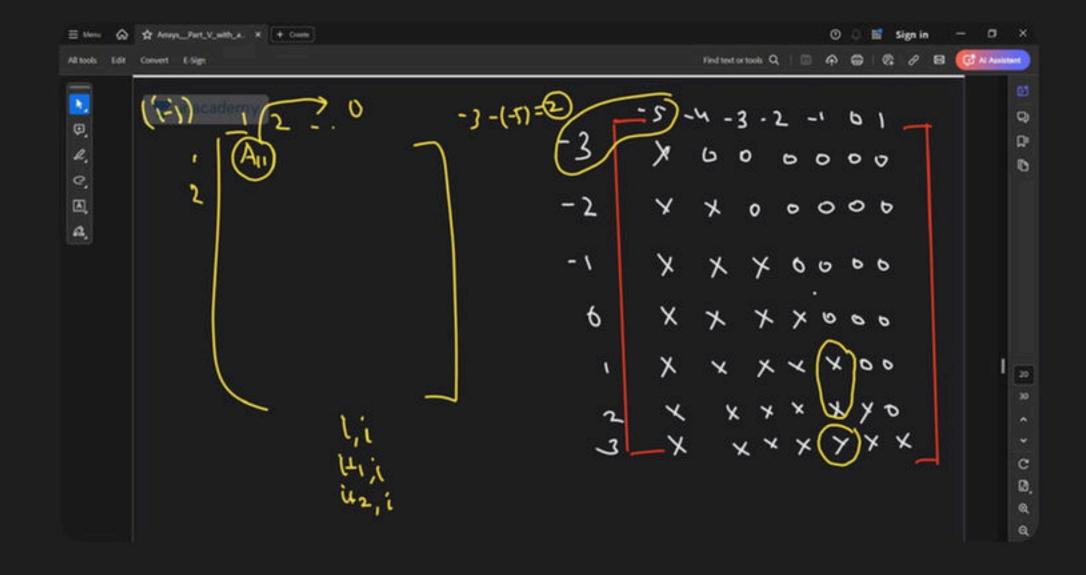


By- Pankaj Sir

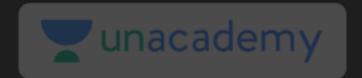


3 • Asked by Anubhav

sir in this q shouldn't the first row have 2 eles?



*:		

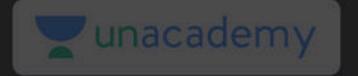




2 • Asked by Anubhav

sir but -3>-4 toh 1st row me 2 non zero eles hona nhee chahiye?

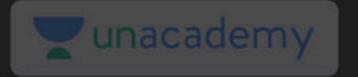




Griven a linked list

The START Beinter.

(i) START is a global variable.



Ptr = NVLL

Ptr -> data ? Per - Link; てって

START 20 36 46 Given a L.L. lop data Next data Next 200 - 1 20 300 - 1 30 400 Strick Nody * PEr; PLY = START 1vi) vollit adbress? "ii) Vallet address? (1) valid address 6f ("./.d", Ptx ->data); (pf (" // a", Plx -> data); of ("./d", Ptv → dota); bFr = sFr - next. 1 D Fr = bFr -> NexF · bf~=bf~~)n(xF!

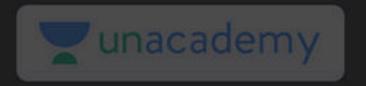
on a prosper (

while (Ptv!=NULL)

bf("1.1", Ptv -data); Ptr = Ptr -> Nest;

Struct woods { Global Jar. 'ht olda; stunct Nage , Next; 3*START = NULL void Traversal () } struct Node + Ptv; Pt1 - 57 ART; wohilly (Ptyl = NULL) Pf("./.d", PLx + dalk);
Pkx = 1kx - pent; 3

void main(){ Trquersal ();



void Traversal () } struct Node + Ptv; PEX - START; wohilly (Plan! = NULL) Pf("./.a", PLx + detg);
Pkx = 1kx -> Nent; 3

START NULL 9 Ly INULL P Fx / = HOLL MULL! = MULL

Memory allocate X STWIF Nog + { Strick Node *START = NULL ,



2 · Asked by Parth

sir isme last element kese print hoga as last node par NULL hai to last element to print hone se pehle terminate ho jayega loop

void Traversal () {

struct node * ptr;

Ptr = START;

while (ptr! = NULL) {

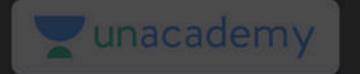
pf (".!d", ptr > data);

Ptr = next; }

(i) Ptyl= pull ハハノノニュトロハ

Given a linked list, count the no-cel hodes in PLY - START; While (Ptyl = NULL) 2) Sper-ler-data)
Pler-Plr-data) Int conf(){

```
struct noon * LFr;
  PE~ = START;
  While (PEx! = NULL)
         DFx - DFX - Mrxf;
```

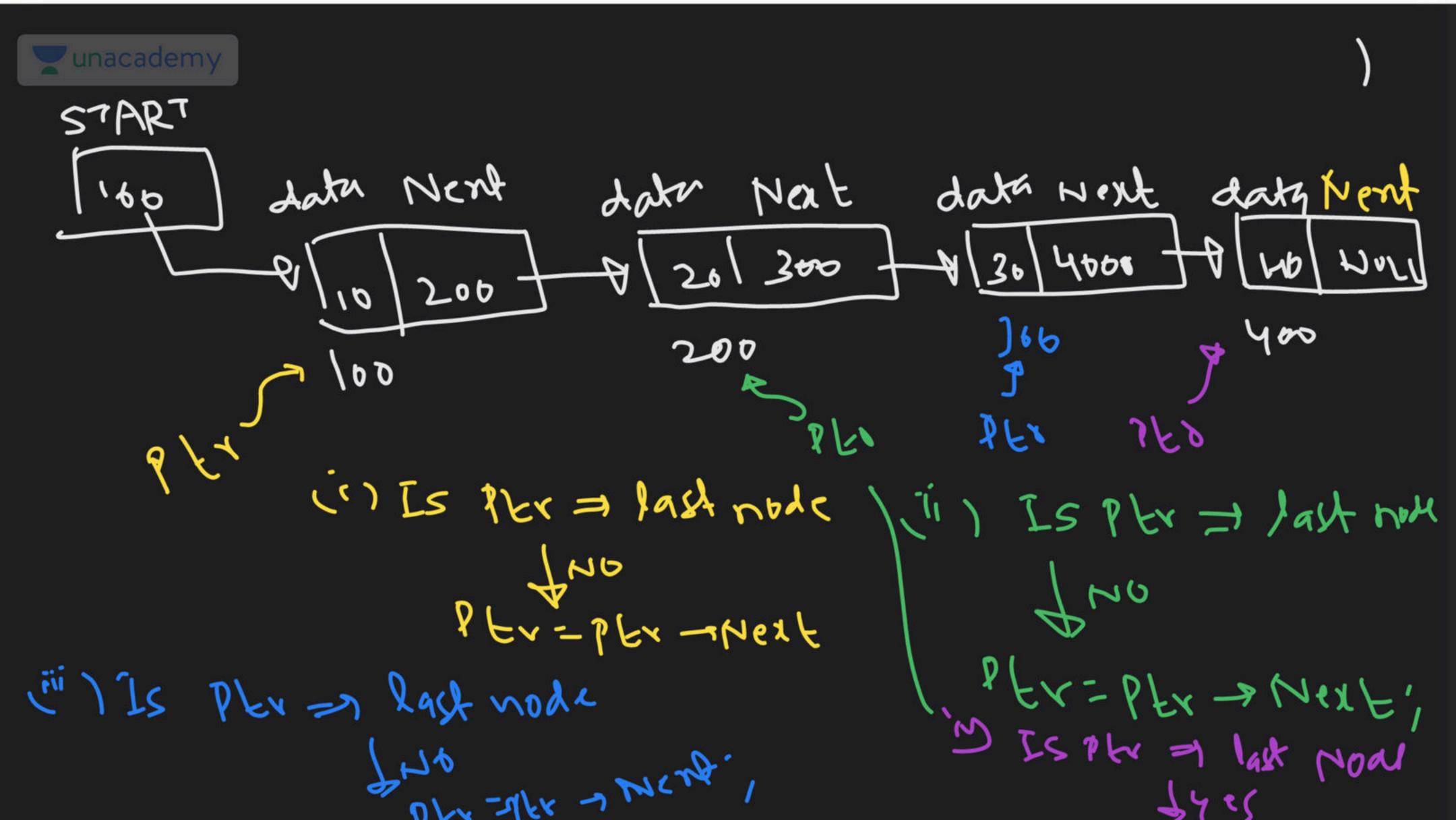


(++ => superset of (c with classes

viven a linked list, frind last node data (5 min) Nont date Nort date Nont date

200 7 8 20 300 7 8 30 4000 7 100 Will Lata Nort 200 00/ q Lt in Is ther = last node

PEN-DEN-Wexf



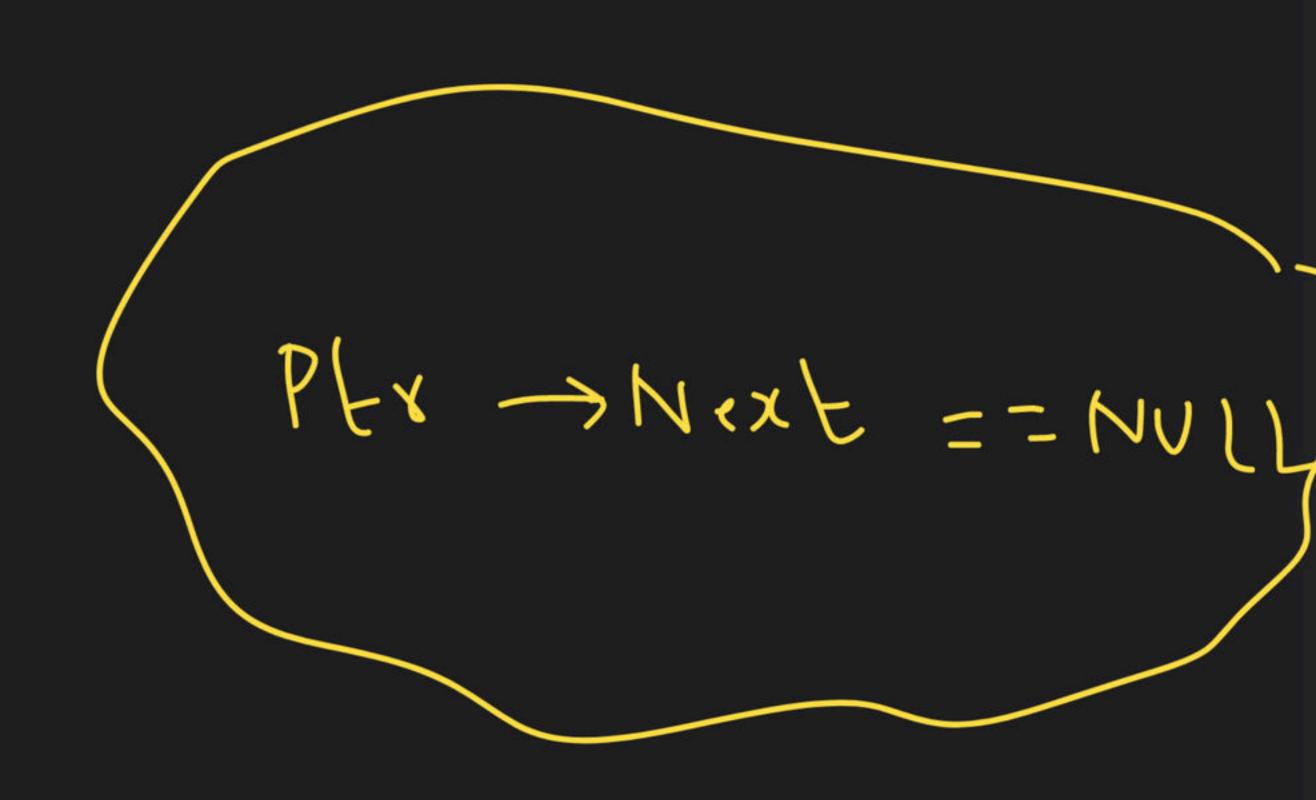
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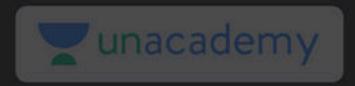
While (Ptv not reached last nocu)

Ptv = Ptv -> Next;

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Judgetty ox volu

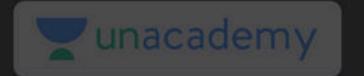




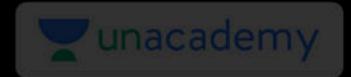
5000 CL138wh Struck Node * PEx; PEx=START;

NULL -> Next while (Ptr -> Next1 = NULL) アヒィントトイントイメト;

Struck Now * PExi PLY = START; 1) 10 (START = -NULL) instory. while (Ptr -) Next1 = NULL) アトイントイントイントン



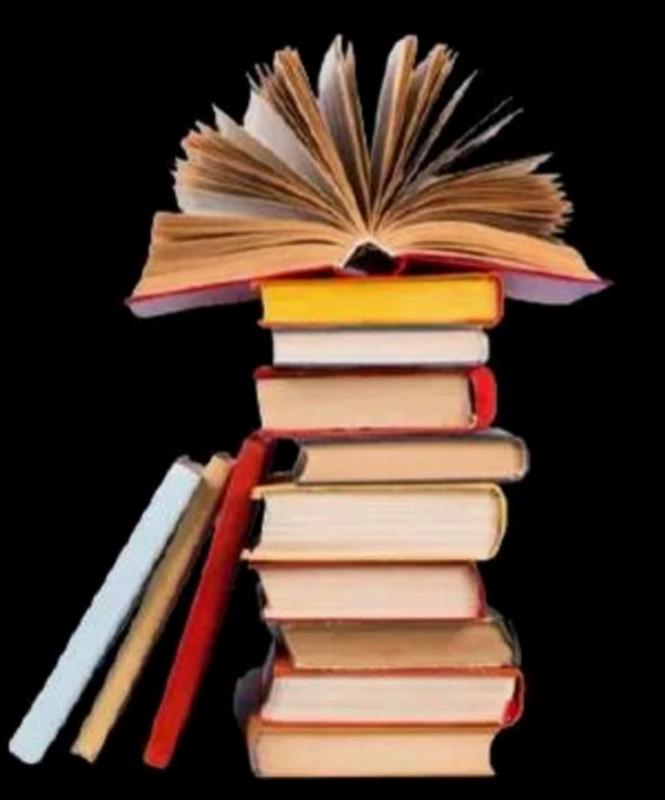
frarch in LL Given all and 3 (b) = a integer valve, tind whether Had-value is bresent in Ll or next-





Topics

to be covered



1 Linked List







THANK YOU!

Here's to a cracking journey ahead!