





## Linked List - Part III

Course on Data Structure

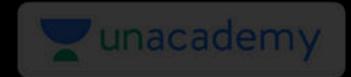


## CS & IT Engineering

Data Structure
Linked List- II



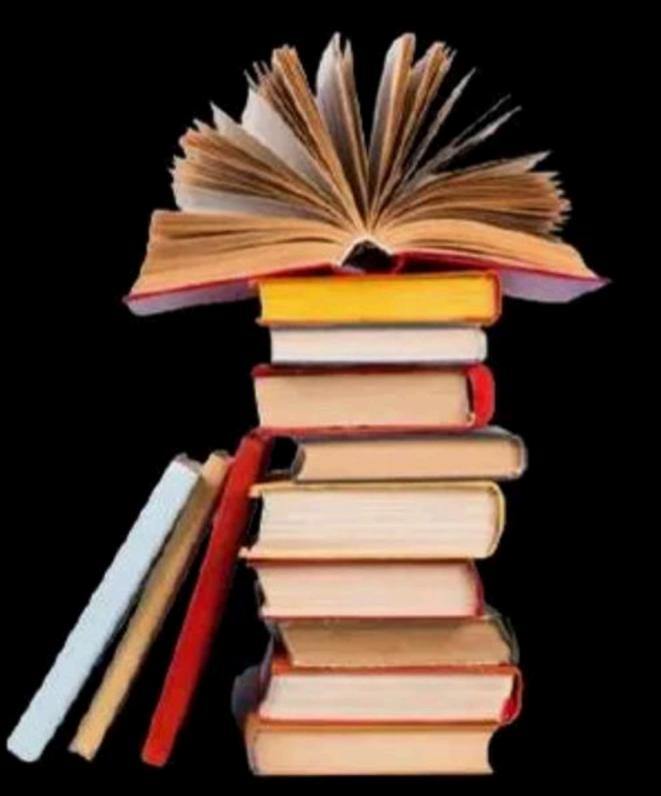
By- Pankaj Sir





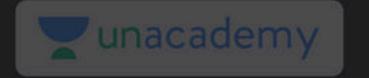
## Topics

to be covered

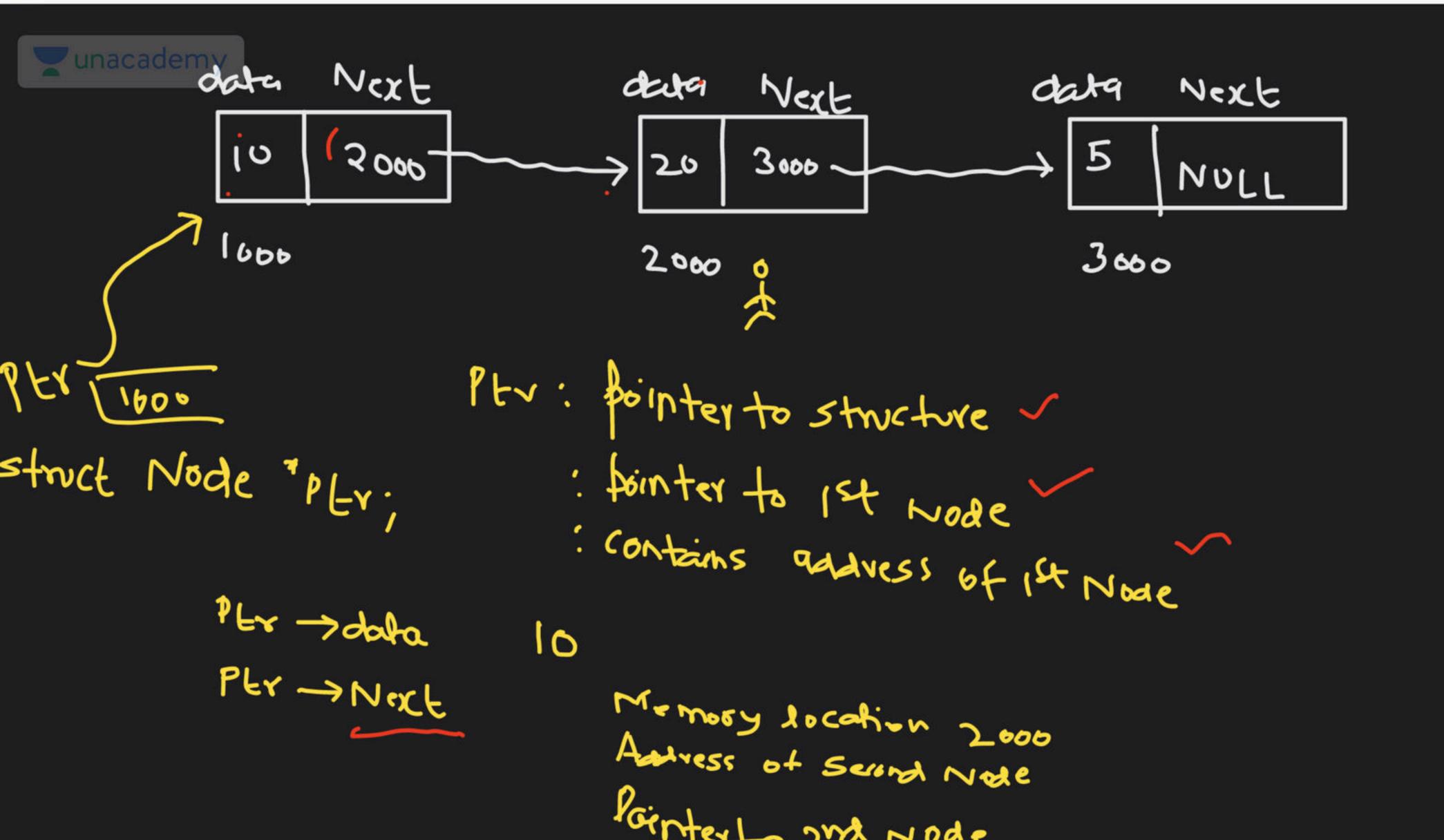


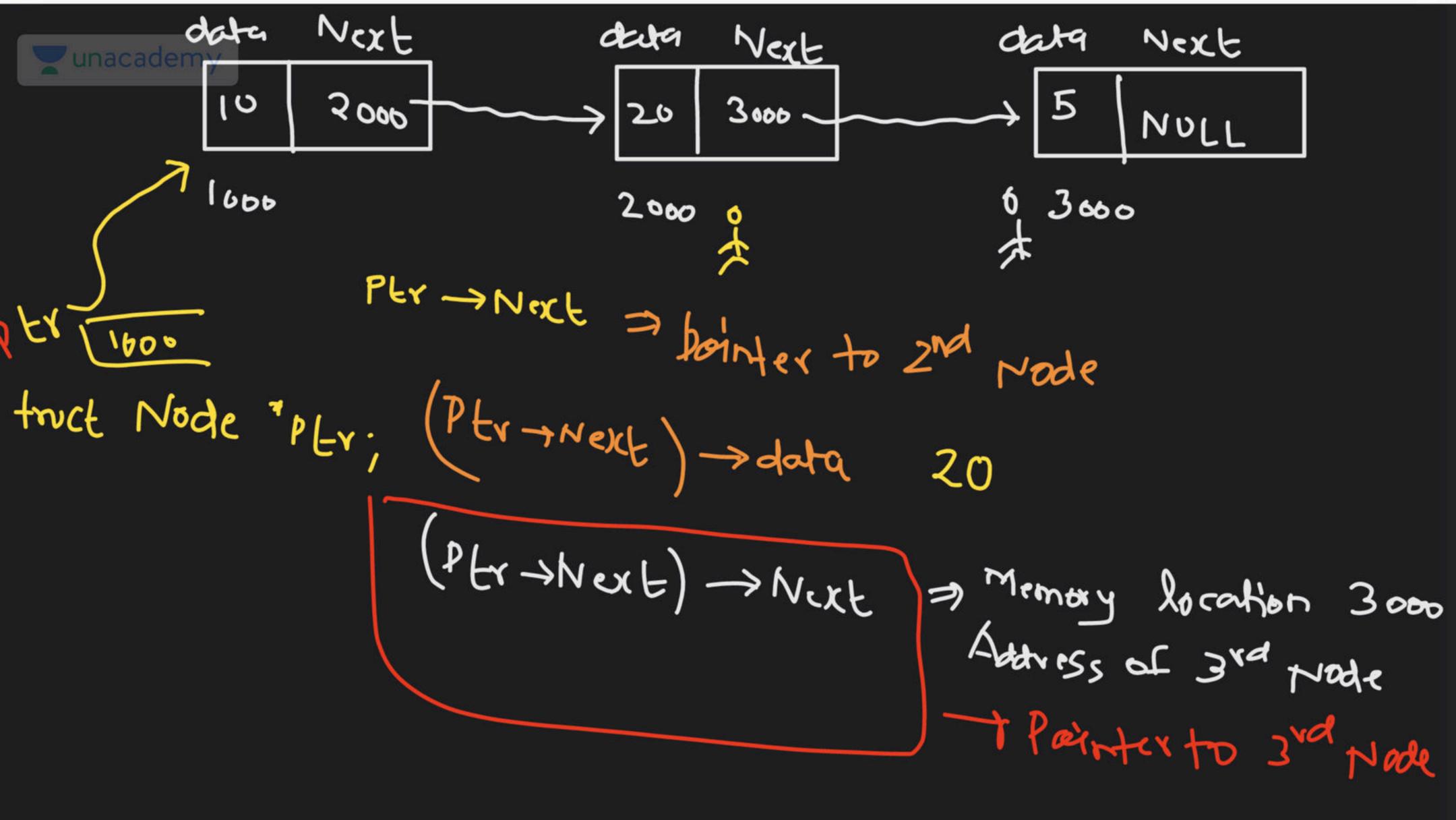
1 Linked List

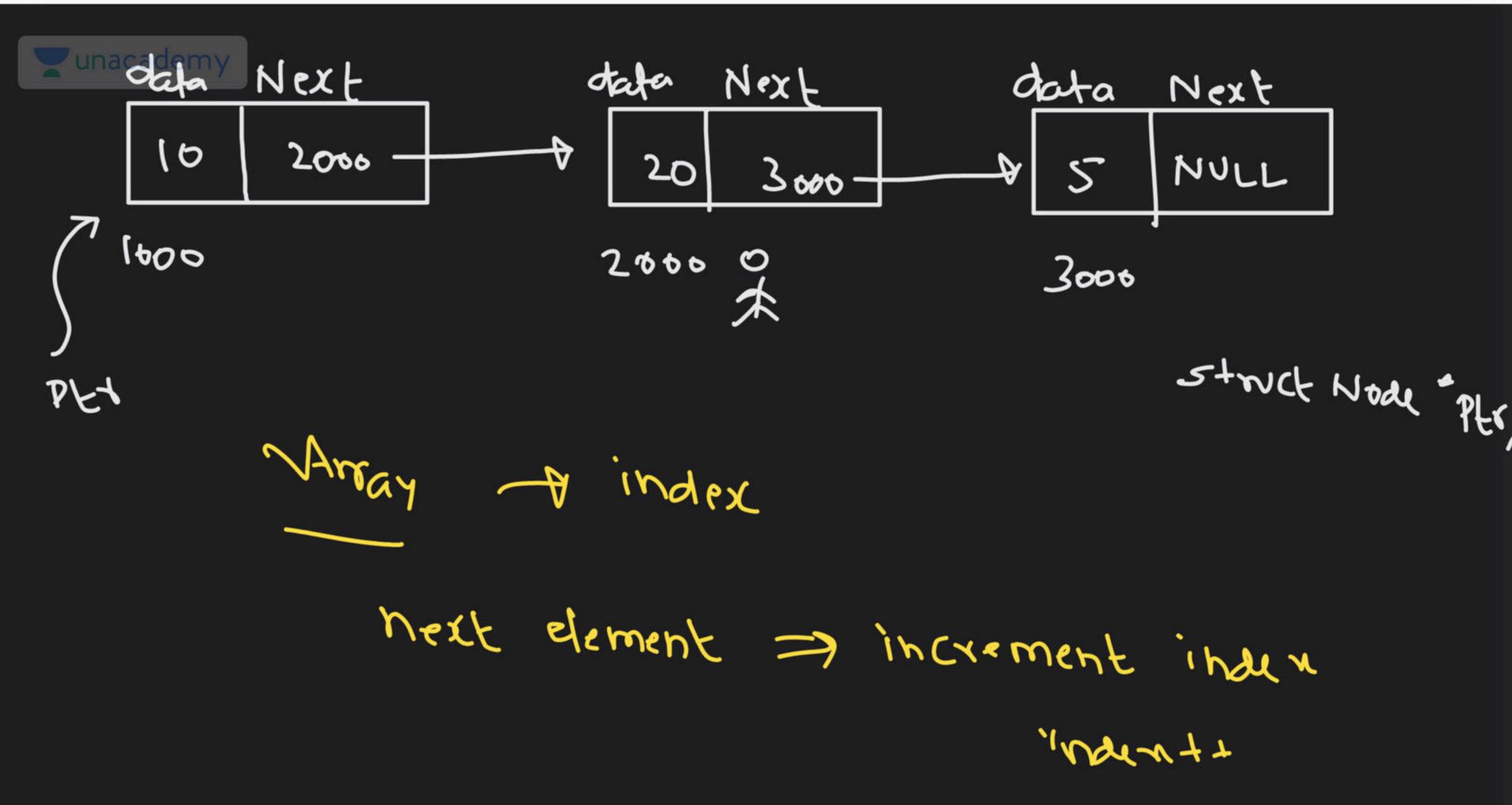
5-tructe Node { temp is a Bointer to structure int data; Link Struct Node TNext; Void main() { 51wct Node \*femp; temp 5012 temp = mailec(stageof(struct Node));

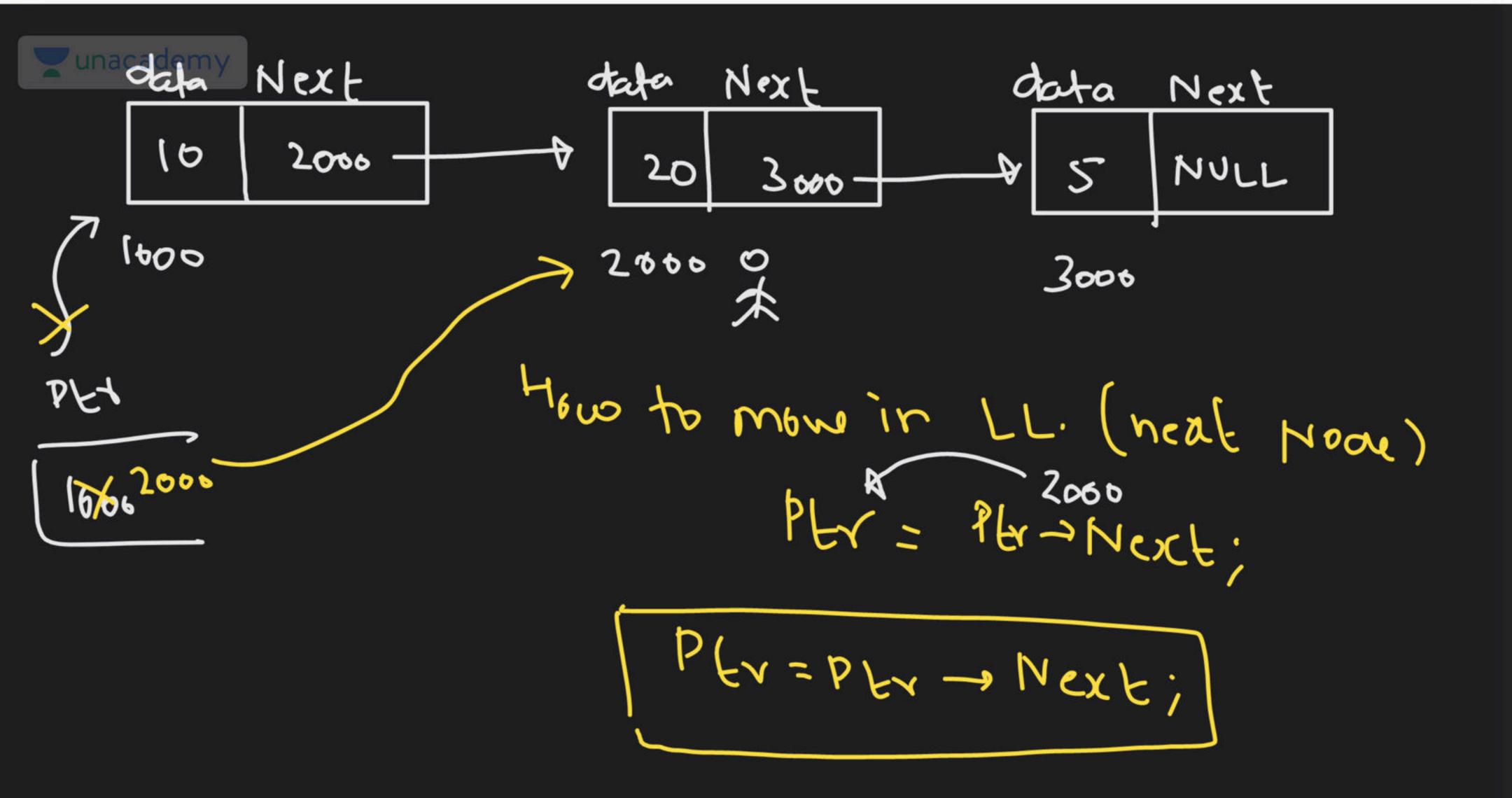


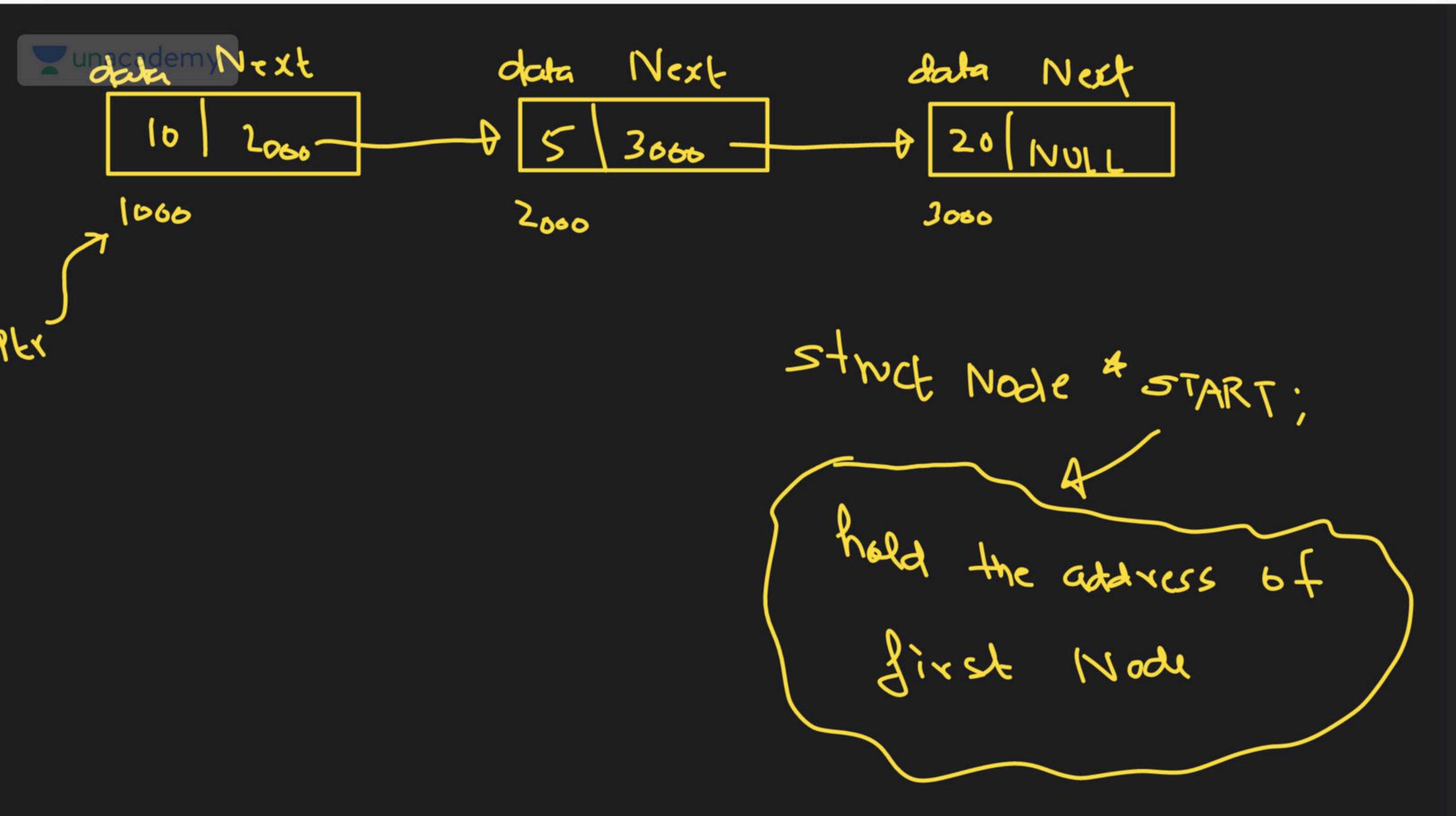
Ptr > Pointon to structure Ptr -> member1 Ptr -> member2 (\*PEr). member (\*PEx). mcmber2 unacademy 1 emp -> data data Next 5-truct Node { temp is a Bointer to structure int data; Link Struct Node TNext; 10 NULL Void main() { stwee Node \*temp; temp 5012 temp = mailec (stage of (struct Node)); temp -> data = 10; Temp - Next - MMIT

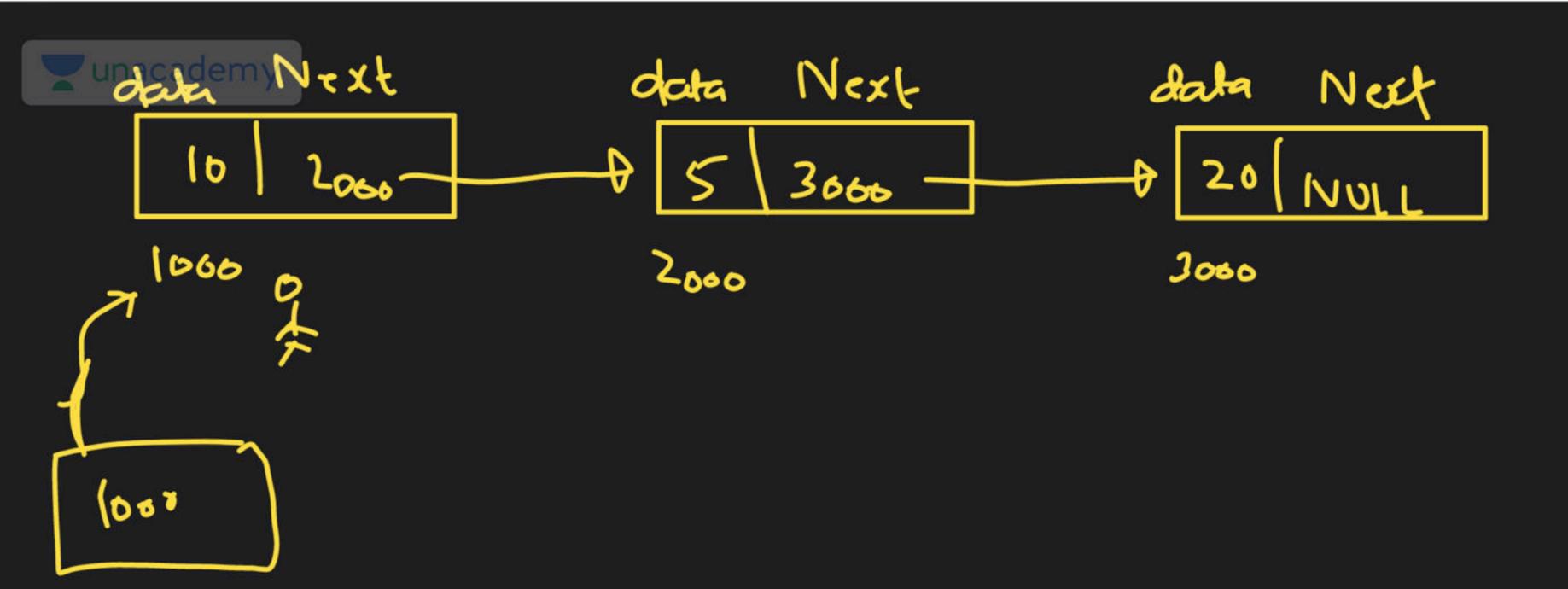












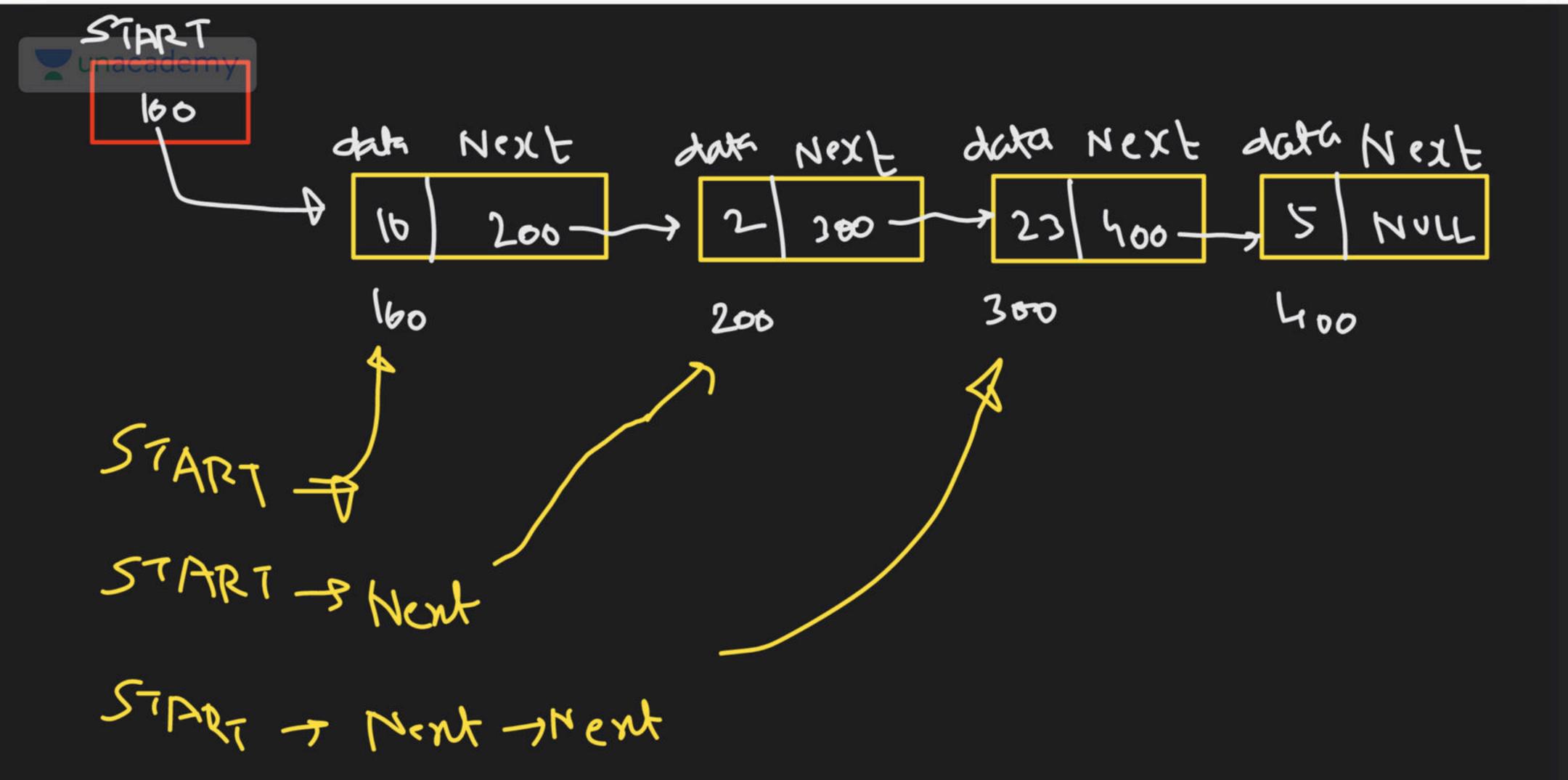
START

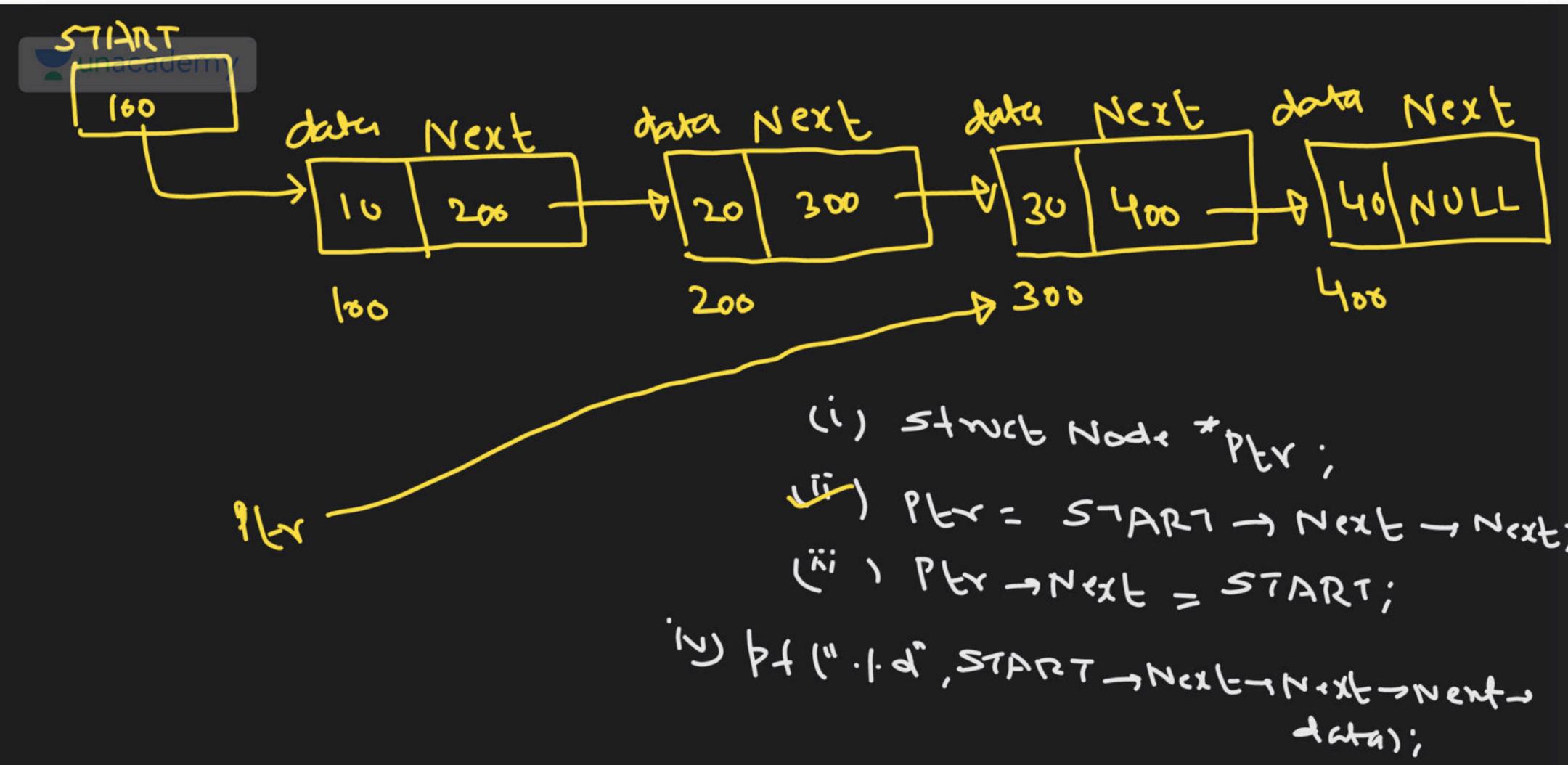


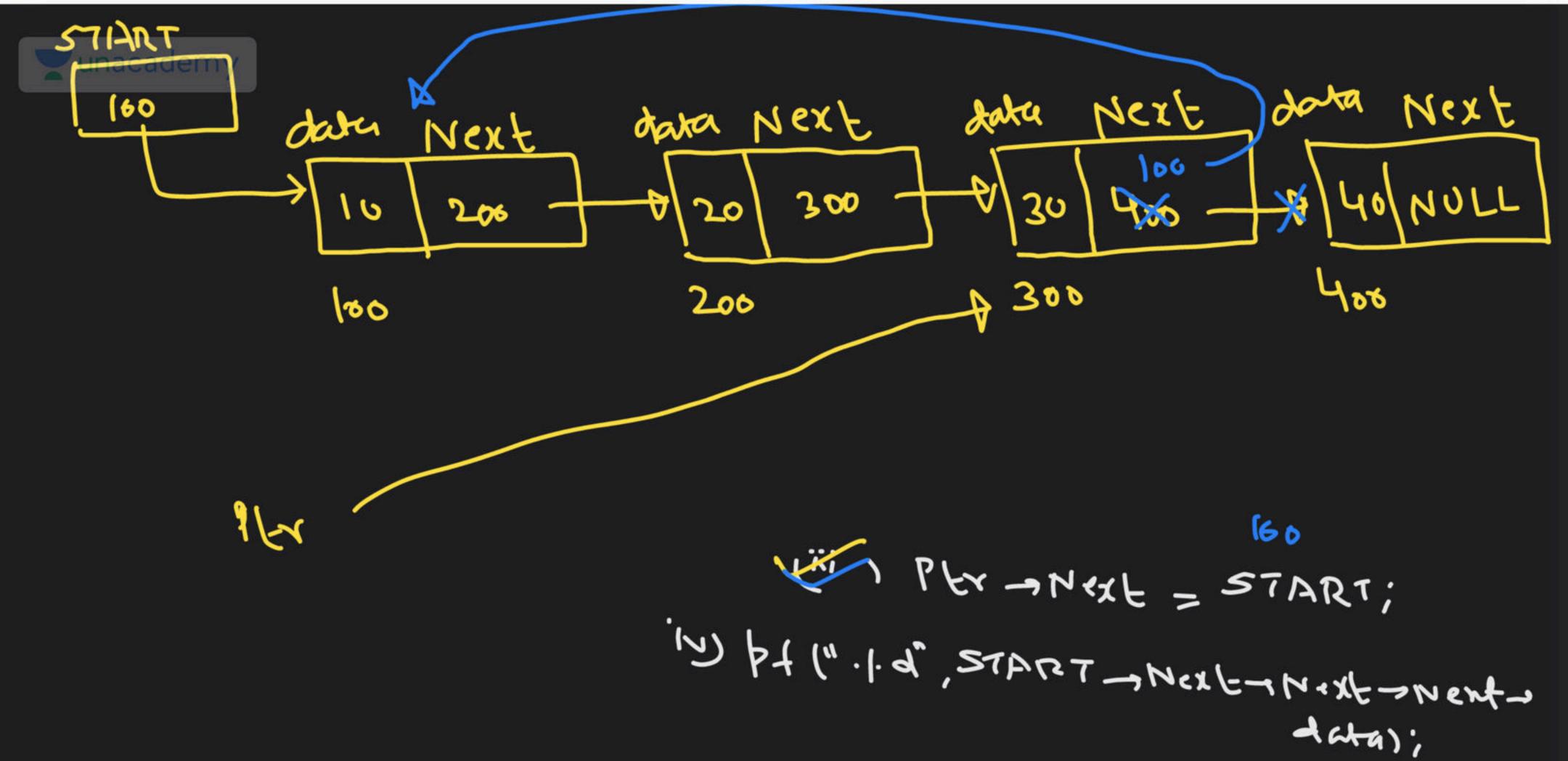
L.L. is Empty 4 NO 1st Noge START -A valid address

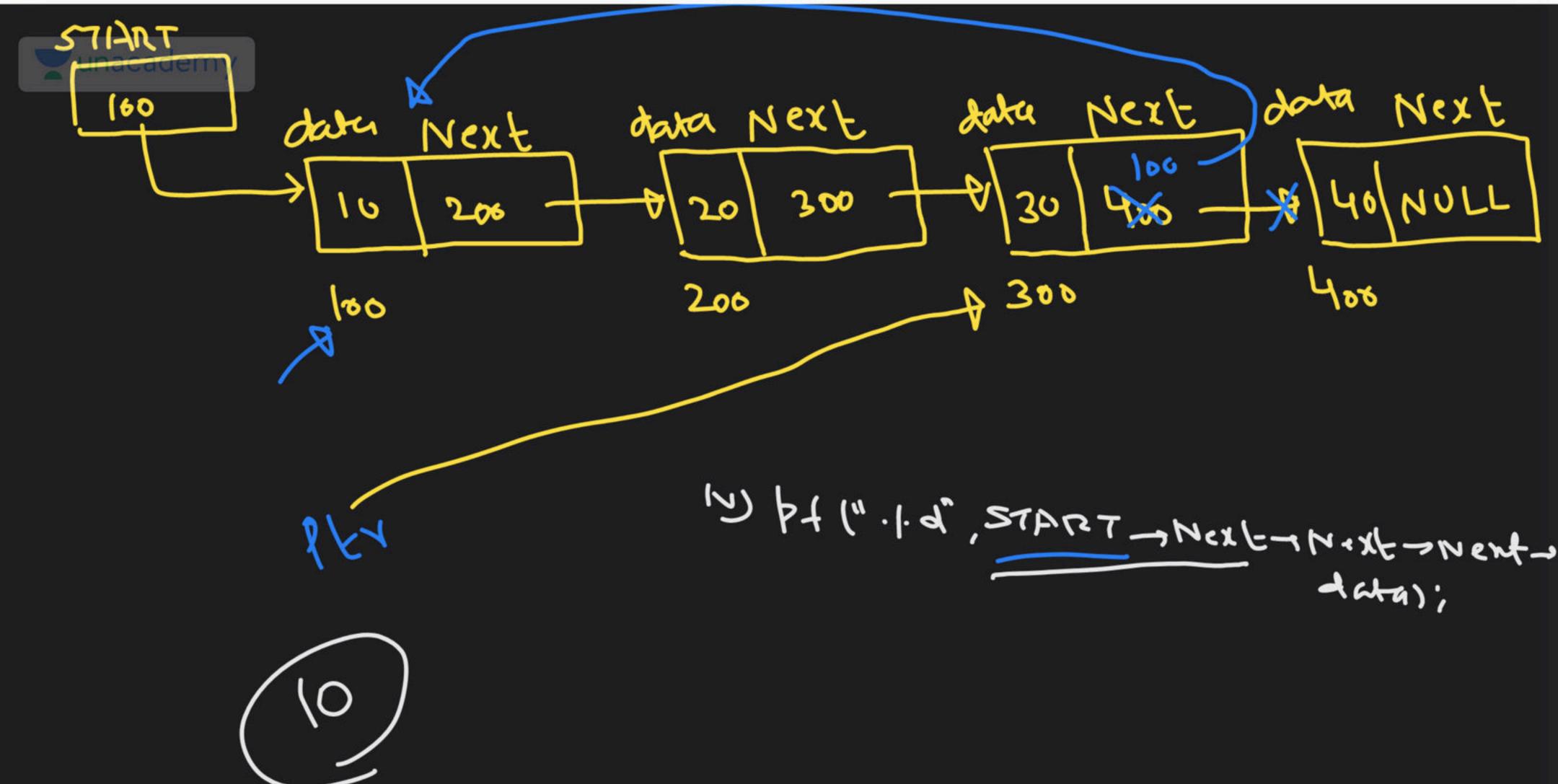
START

Lake Next data Next data Next 200-> 2 200-> 23 400-> 5 NUL 160 300 200 6 (i) START: address of 1st Node (pointer to 1st Node), pointer to structure START 7 dela : 10 START - NOCE: Memory loc- 200 (Address of 2nd Node) bointer to sny hore (ztworns) (START-) Next) -> data: 2 (START -) Next) -> Next: Memory 160 300 | Add of 3rd pole | 3rd pole



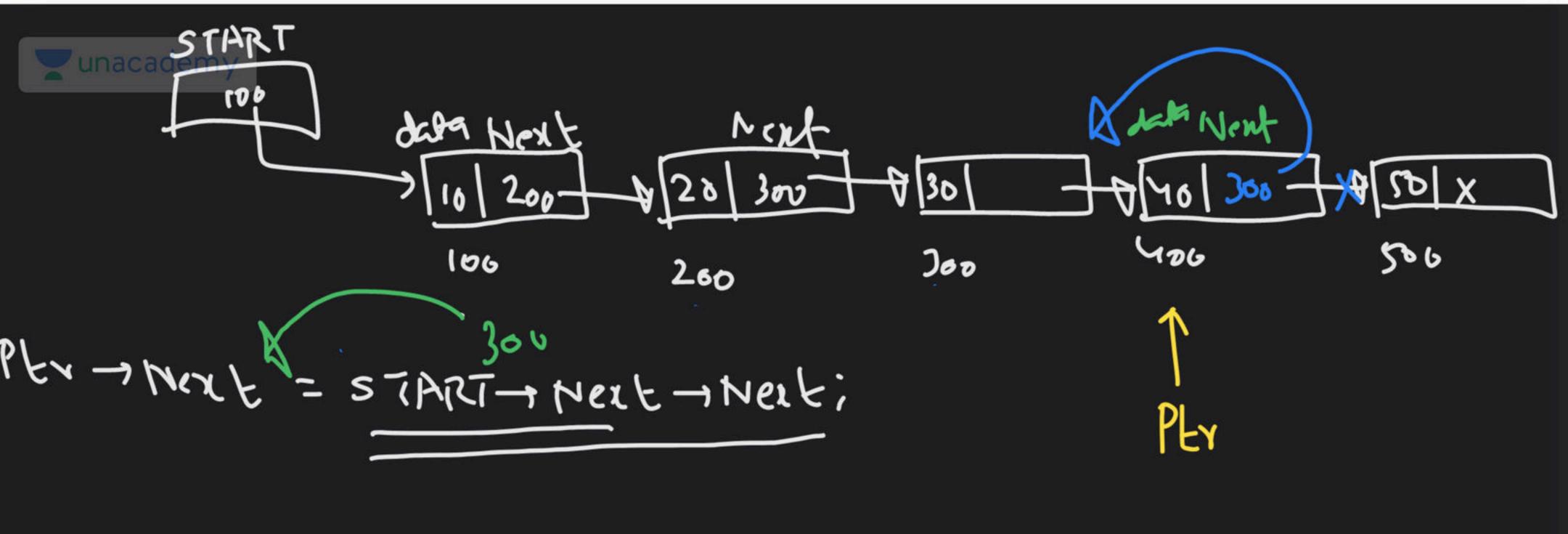






START unaca daga Next 406 200 106 260 Struct Mode \* Pt \*;

Pt = START; PLY るv(iこいにこう; i++) PEx=PEx-next; Pty -> Maxt = START-+ Next-Next; ++ ("-1.d", STMR7-1 Next -+ Next-+data);



It ("-1-d", START-1 Hext - NOXE-data);

Ptx ->Next-

unacademy

LL = 4 node

START =>

START -> NOXLE

START -> Next -> Next-

START -MOKE

STIART TAMA

START Thent odata

START - Hext - Next - data;







## THANK YOU!

Here's to a cracking journey ahead!