Types:	
Single linke	d list
Doubly links	ed list
Circularlink	
·Single	
two parts	Data Inodes
•	Data 3 nodes Link
Self refere	ential Structure: contains a pointer to
	A structure of the same
Struct abc	type.
int A	
Struct ab	e *self
Creating:	
1) std:o.b =	Standard input output
2) std1:b.h = f	
3) Declaratine	the head:
	node *head = NULL;
	= (struct node*) malloc (size of (struct node));
	Not mandatory
the c	node's pointer will be
	e in head var.
	one line form is:
	t node head = malloc (sixeof(struct node)
	a and next, exist two ways
	and). data = 34; or head->data = 34;
, ,,,	

5) crenting another is very similar but updating the latest node

Struct node \*current = malloc (siee of (struct node));

current > data = 95;

current > next = Null;

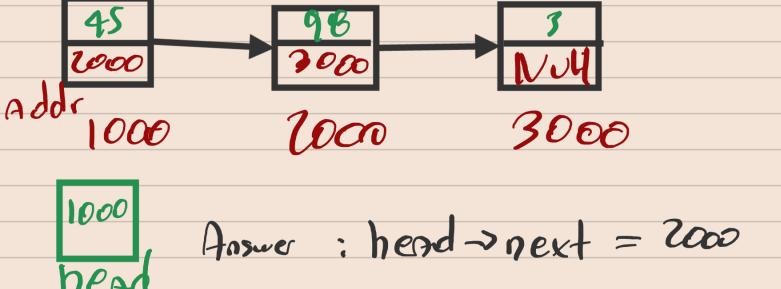
head > next = current;

Recall it's pointing to NULL, now is pointmeto the new node.

# tip: use if check in every malloc func.
if (current == NUU)
return 1;

## Method 2:

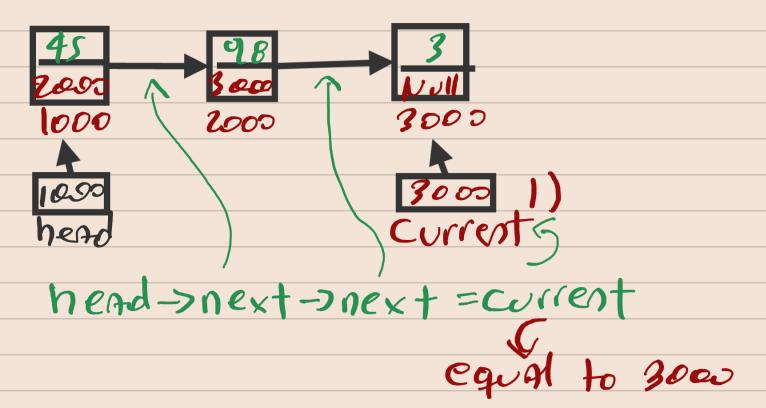
1) what does head next 6:ve?



2) and head >1:0K >1.0K?

Answ: Gives = 3000 head -> 1:nk -> 1:nk -> 1mk = NULL Key word of method 2 is neuse,

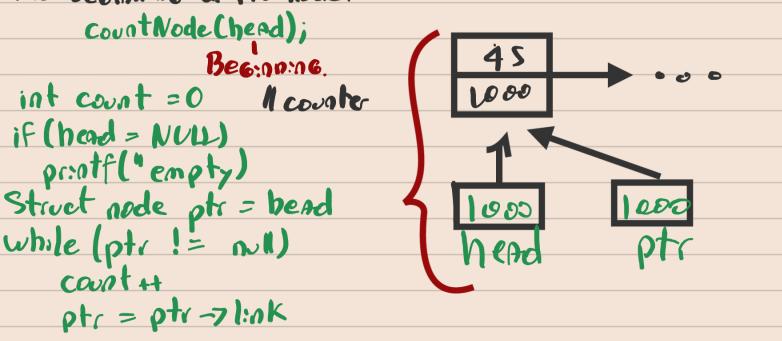
head ->link ->link = current



## Traversing:

visiting each nodes

In this case, counting nodes, we creates a func. getine the beginning of the node:



Printing every data:
Using the traversing technique:  while Lpts!= NULL)  printf("%d", pts->data)
while (ptr != NULL)
pti = pti -> next
p(t) = p(t) - 3 t ext
O pts is overwrite every looping time until it arrives to a Null pts -> next.  D stops when the tall is found.
2) stops when the tall is found.