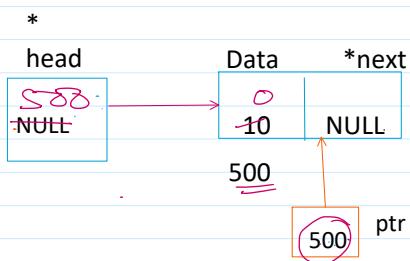


add first (10)

a) If the list is Empty -

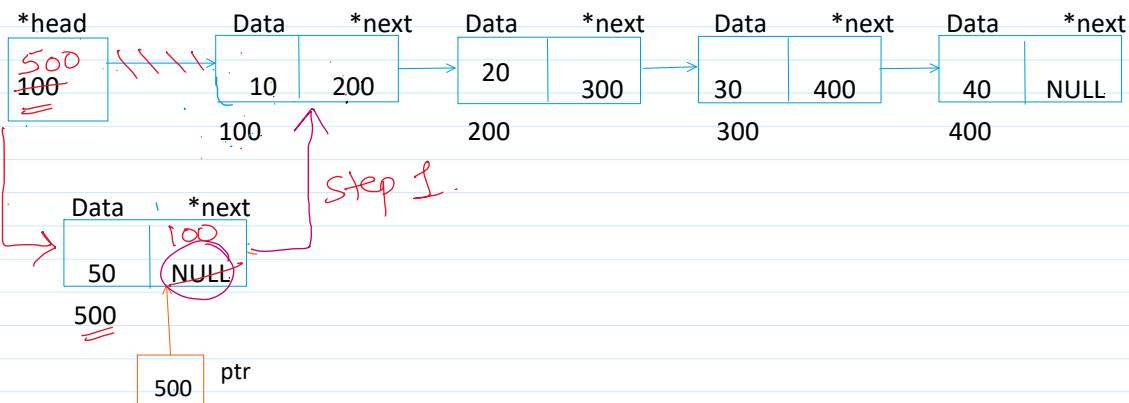
$\text{if}(\text{head} == \text{NULL})$

$\text{head} = \text{ptr};$



- ✓ ① Create a node
- ② Attach the node to the list

b) If linked list contains nodes



1) Create a link between the new node and the 1st node.

$\text{Ptr} \rightarrow \text{next} = \text{head};$

$$\underline{500} \rightarrow \text{next} = 100$$

$$\text{ptr} \rightarrow \text{next} = \text{head}$$

2) Update the head pointer to point to the new node.

$\text{Head} = \text{ptr};$