

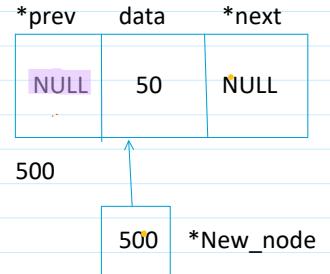
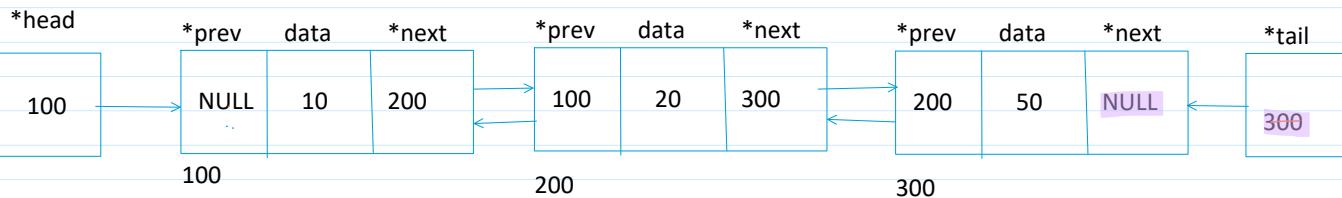
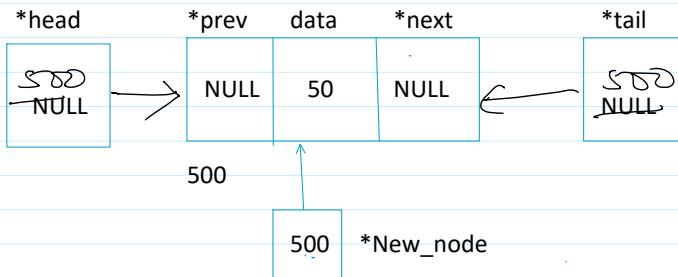
- ① Create
- ② update the data
- ③ Attach.

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

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

$\text{tail} = \text{newnode};$

$\}$



- 1) Create a backward link between the new node and the last node.

$\text{New_node->prev} = \text{tail}.$

- 2) Create a forward link between the last node and the new node.

$\text{Tail->next} = \text{new_node};$

- 3) Update the tail pointer to point to the new node.

$\text{Tail} = \text{new_node};$