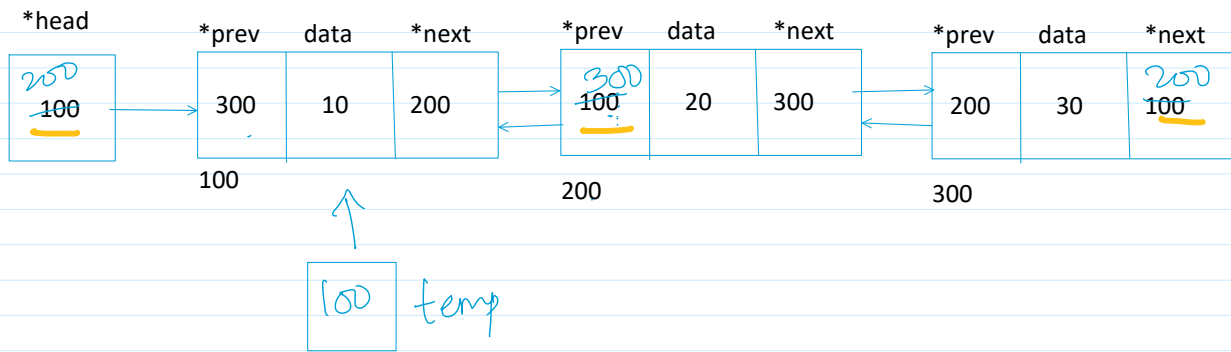


if (head → next == head)
 {
 free(head);
 head = NULL;
 }



- ① hold the address of 1st node in temp pointer.
- ② forward connection betⁿ last node and 2nd node.
 $300 \rightarrow \text{next} = 200;$
 $100 \rightarrow \text{prev} \rightarrow \text{next} = 200;$
 $\text{head} \rightarrow \text{prev} \rightarrow \text{next} = \text{head} \rightarrow \text{next};$
- ③ backward conn betⁿ 2nd node and last node.
 $200 \rightarrow \text{prev} = 300;$
 $\text{head} \rightarrow \text{next} \rightarrow \text{prev} = \text{temp} \rightarrow \text{prev};$
- ④ update the head pointer to point to 2nd node.
 $\text{head} = \text{head} \rightarrow \text{next};$
- ⑤ free the 1st node.
 $\text{free}(\text{temp}); \text{temp} = \text{NULL};$