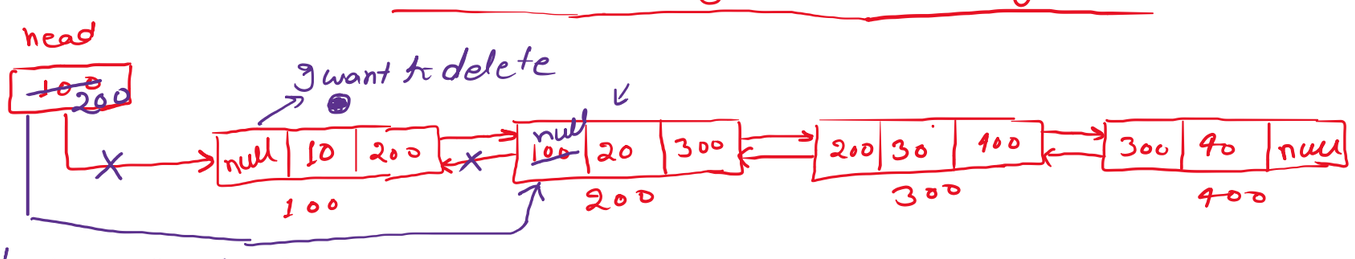
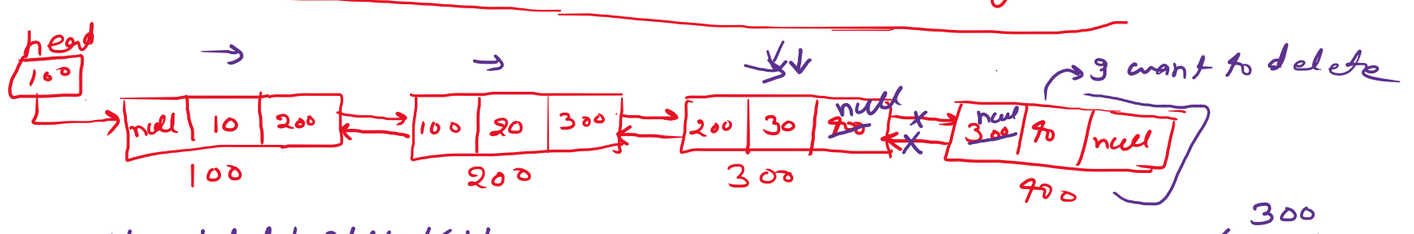
Delete beginning from Doubly List




```
void deleteBeginning(){
  if(head != null){
    head = head.next;
    head.prev = null;
  }
}
```

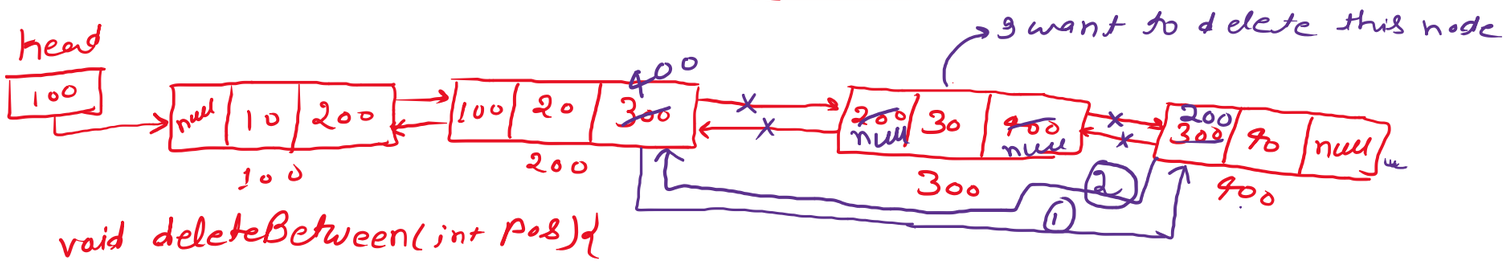
Delete node from last in DoublyList




```
void deleteLastNod(){
  if(head != null){
    Node current = head;
    while(current.next.next != null){
      current = current.next;
    }
    current.next.prev = null;
    current.next = null;
  }
```

300
(current.next.next != null)
400.next
null != null

Delete Between of the Doubly List

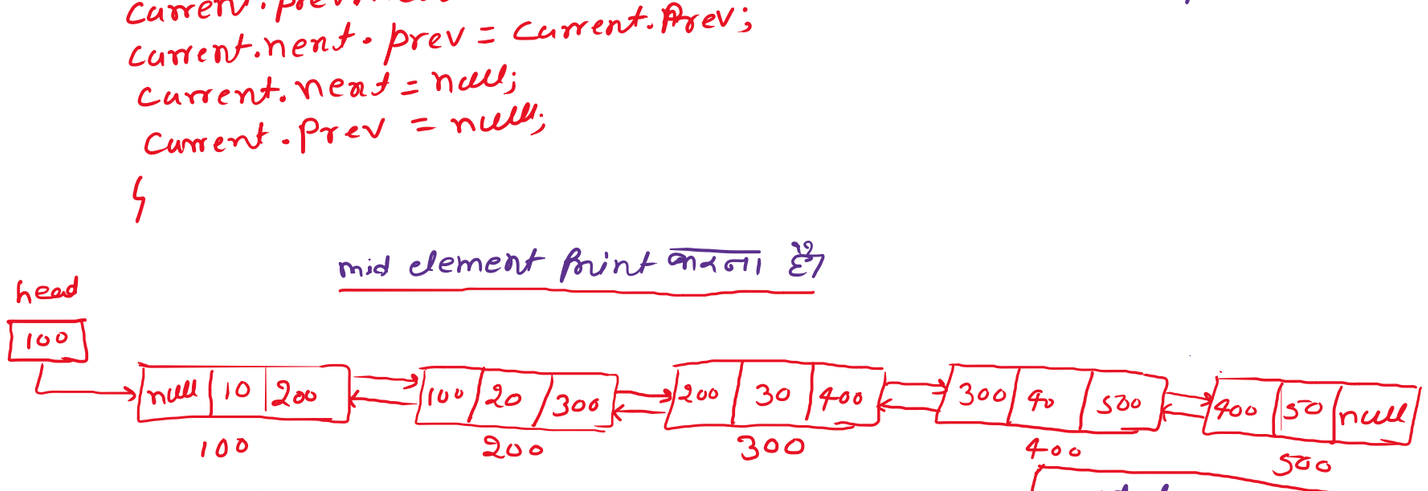



```
void deleteBetween(int pos){
  if(head != null){
    Node current = head;
    int ctr = 1
    while(current.next != null){
      if(ctr == pos){
        break;
      } ctr++;
      current = current.next;
    }
    current.prev.next = current.next;
    current.next.prev = current.prev;
    current.next = null;
    current.prev = null;
  }
```

current = 100 200 300
ctr = 1 2 3
pos = 3

```
current.prev.next = current.next
current.next.prev = current.prev;
current.next=null;
current.prev =null
```

mid element print करना है?




```
Node n1 = head;
Node n2 = head;
while(n2 != null && n2.next != null)
  n1 = n1.next;
  n2 = n2.next.next;
}
Sop(n1.data);
}
```

odd element
n1 = 100 200 300
n2 = 100 300 500

even element
n1 = 100 200 300
n2 = 100 300 null

13-07-2023 covered topic

① delete beginning of the doubly list
② delete end of the doubly list.
③ delete between of the doubly list.

14-07-2023 (tomorrow topic)

① Reverse of the Doubly linked list
② complete pending program of Doubly list