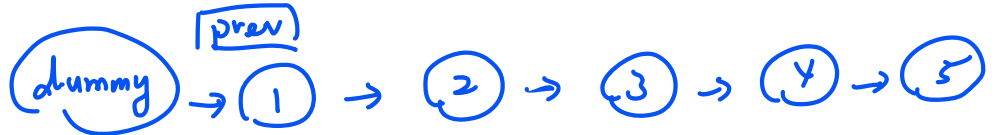
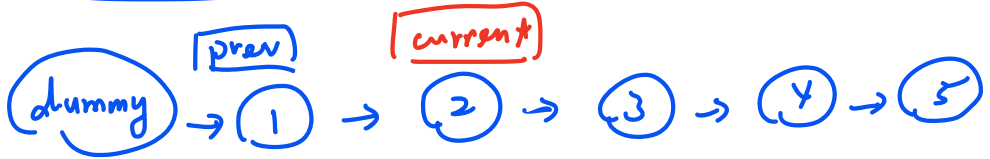
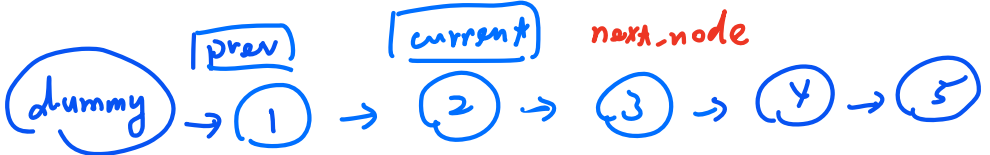
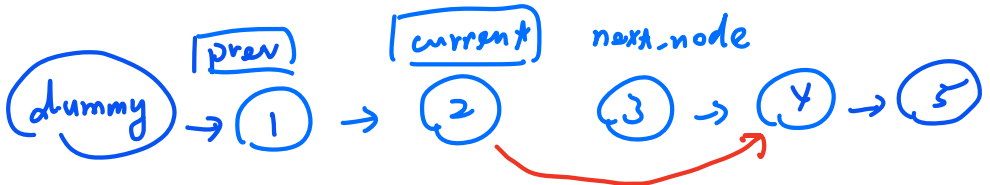
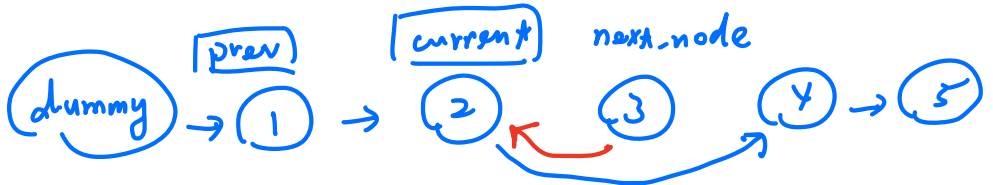
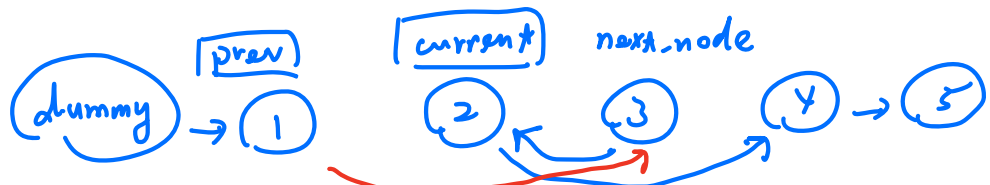


code

vis

:


 $current = prev.next$

 $next_node = current.next$

 $current.next = next_node.next$

 $next_node.next = prev.next$

 $prev.next = next_node$


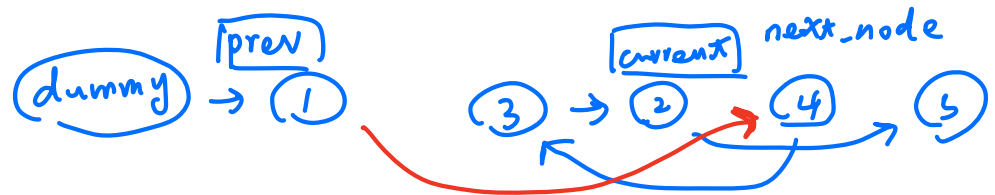
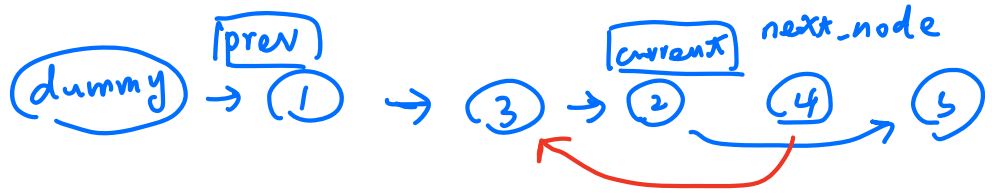
result


 $next_node = current.next$
2nd
iter

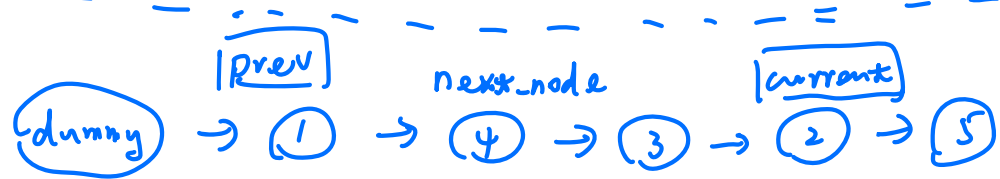
(1)
current.next
= next_node.next

(2)
next_node.next
= prev.next

(3)
prev.next
= next_node



results



return

dummy.next



Basically, the idea is

1. move the current node right
(modify current.next)
2. put next_node all the way left
to pre.next
(modify (2) pre.next and
(3) next_node.next)