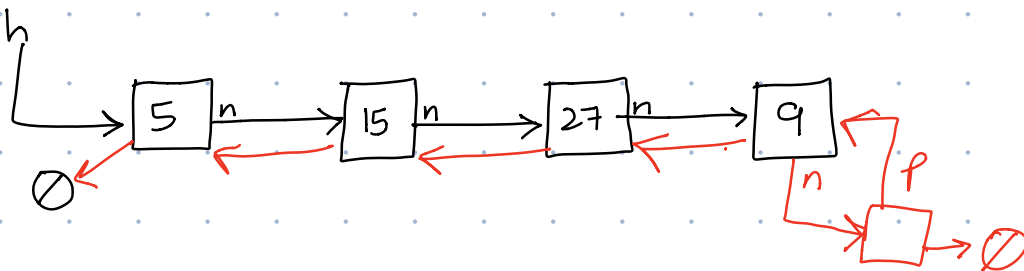


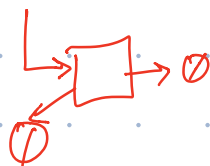
Doubly (connected) Linked list

Push

Case 2



Case 1

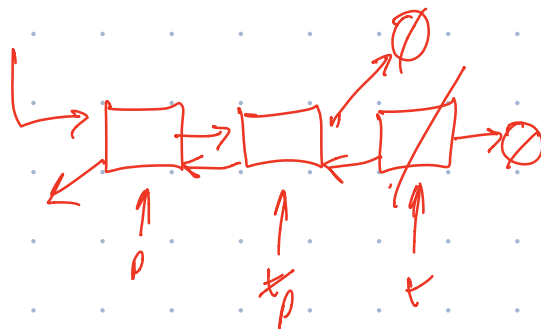


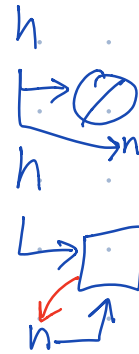
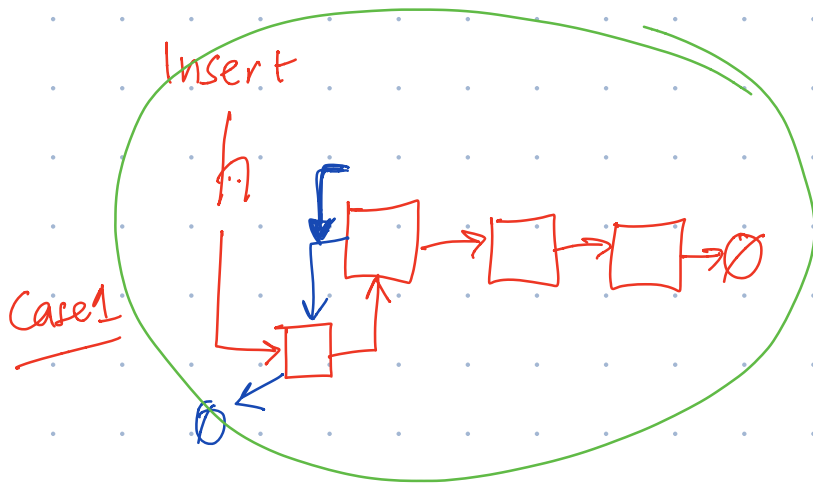
Pop

Case 1 :

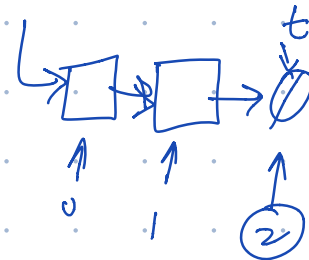
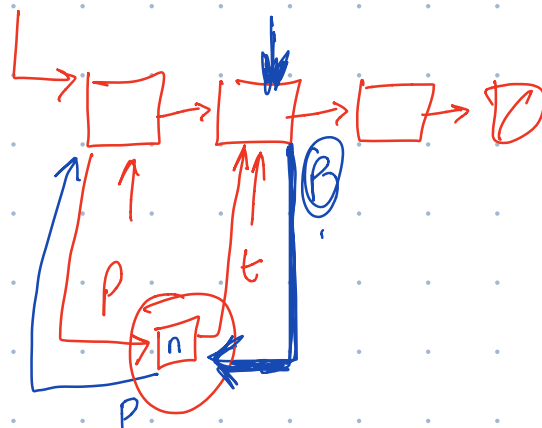


Case 2 :



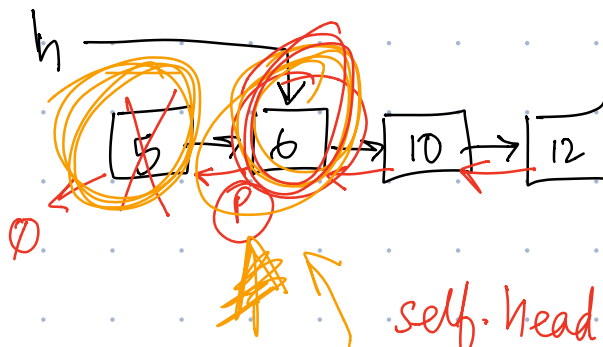


Case 2:



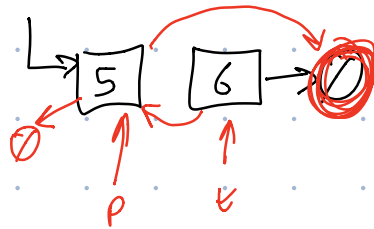
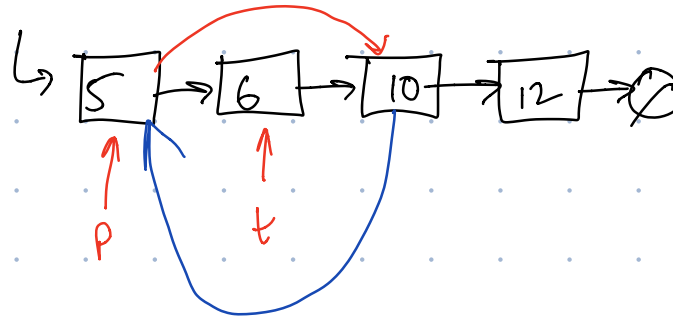
Remove

Case 1



self.head = self.head.next
if self.head is not None:
self.head.prev = None

Case 2:



$prev.next = temp.next$

if $temp.next$ is not None:

$temp.next.prev = prev$

l. len() → 3

push

l. insert(3, 25)

def push(^{sub}val):
self.insert(self.len(), val)

