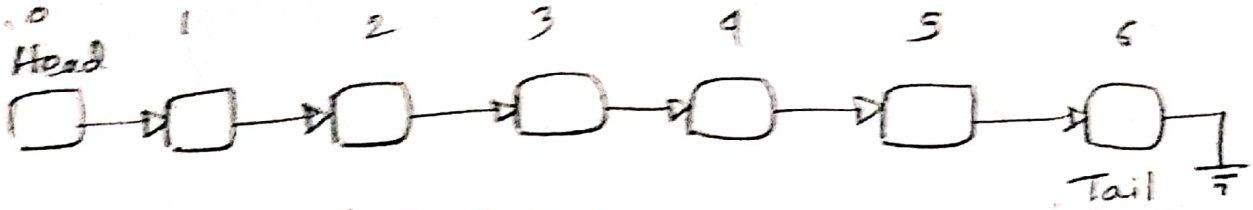
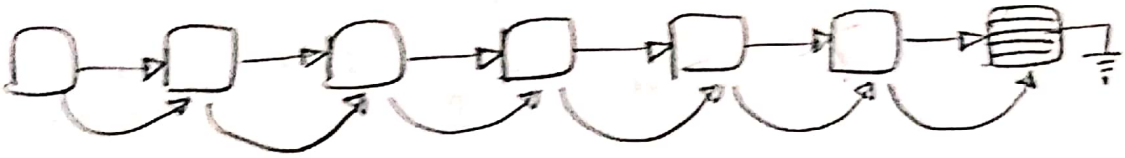
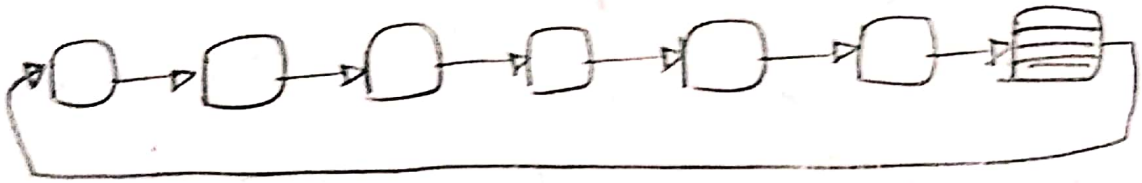


Rotating a List left by one position

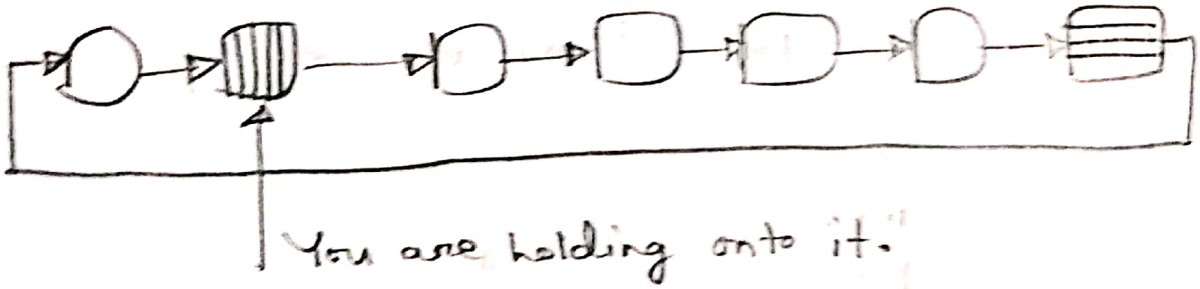
(1) Traverse till you reach the tail.



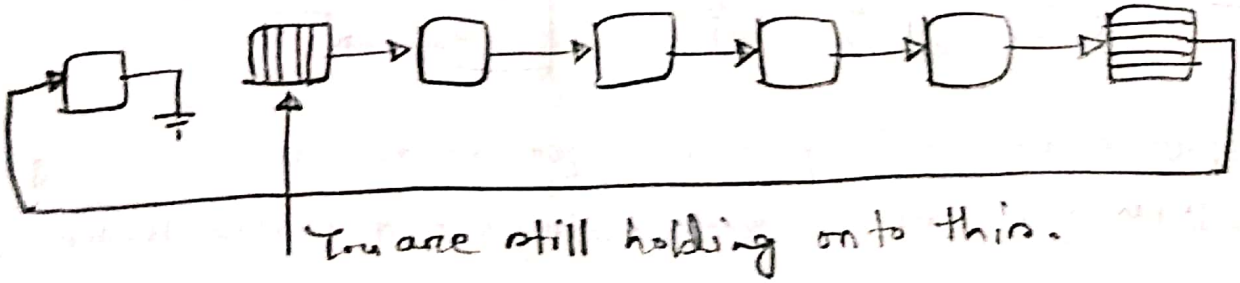
(2) Update next pointer of tail to point to the head.



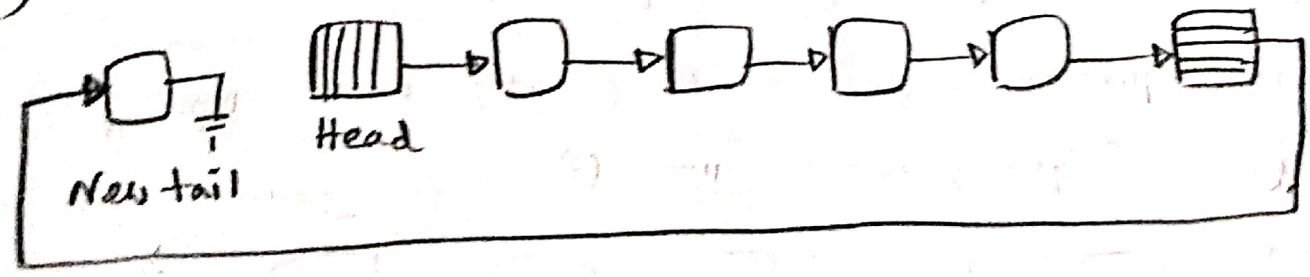
(3) Get the next of the head on a temporary variable.

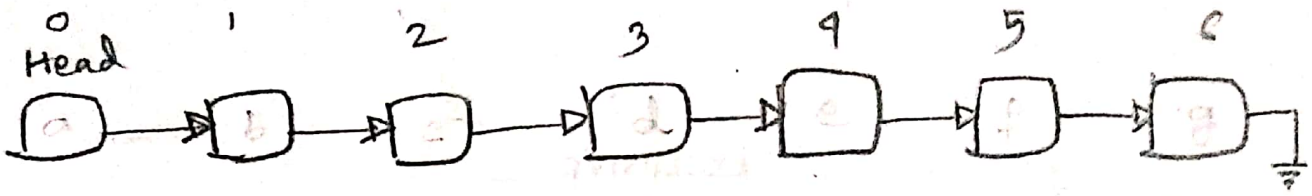


(4) Set the next of head to null.



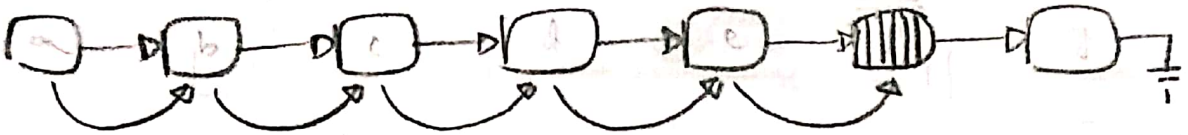
(5) Assign the node you are holding onto to head





Rotating a list right by 1 position.

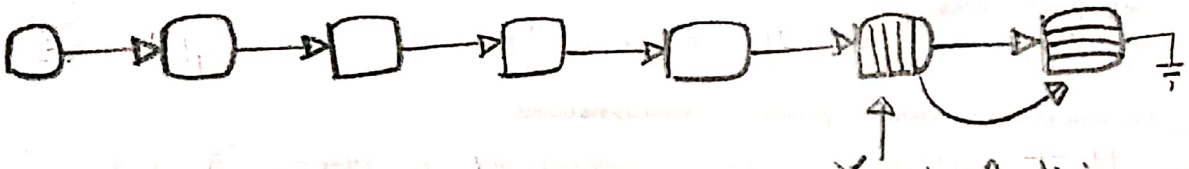
(1) Traverse until you reach the node just before the tail.



How do you know you have reached this point?

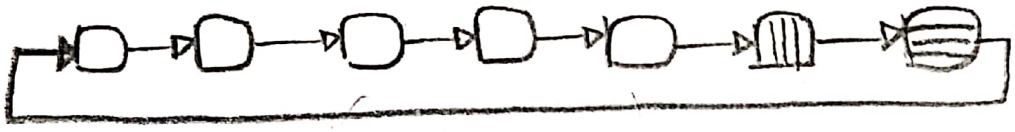
Apply this logic (if node.next.next == NULL)

(2) Hold on to that node and traverse one more step to reach the tail

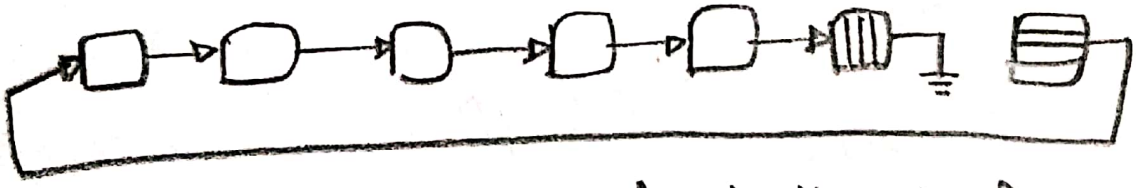


You hold this on a temporary variable.

(3) Update the next of the tail to point to the head.



(4) Set the next pointer to the node before tail to NULL.



(5) Assign the tail node to the head variable.