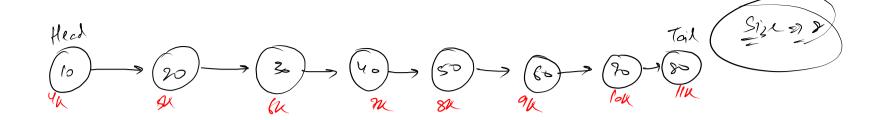
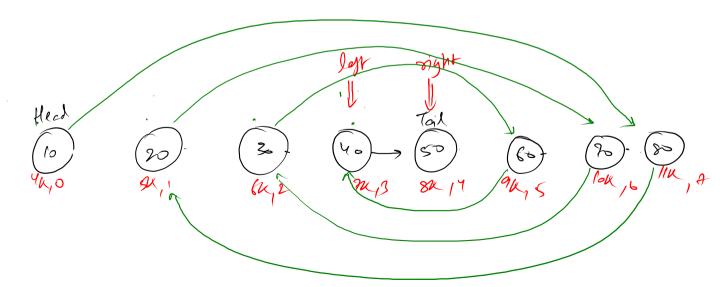
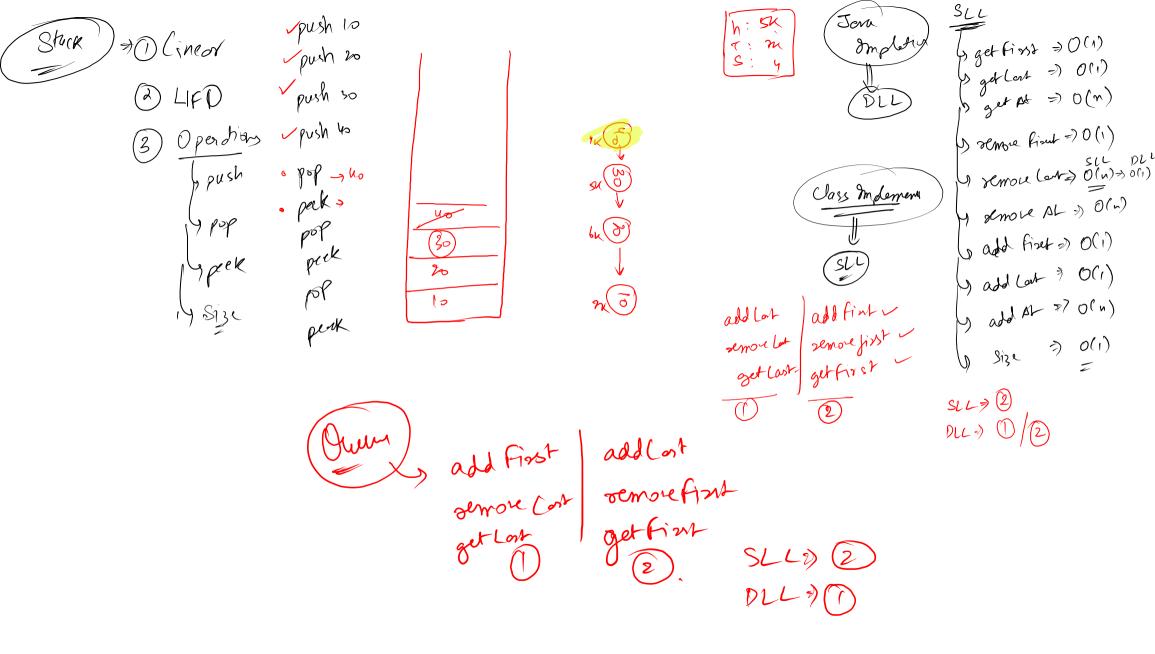
Program Stuck ispoliv 3K 3K

```
public boolean IsPalindrome() {
                                                  left = this.head;
                                                  return IsPalindromeHelper(this.head,0);
head = 4k
                                                 static Node left;
                                                 public boolean IsPalindromeHelper(Node node,int idx){
                                                     if(node == null){
                                                        return true;
                                                     boolean res = IsPalindromeHelper(node.next,idx+1);
 Size = 8
                                                     if(res == false){
                                                        return false;
3K
                                                     }else{
                                                        if(idx >= this.size / 2){
                                                            if(left.data == node.data){
                                                                left = left.next;
  lest= n
                                                                return true;
                                                             }else{
                                                                return false;
                                                        return res;
 0
                                                                                        llk
                                                                             ( PK
                                         M
400
              SK
                                                                  94
                                                     81
                             6K
```







```
public static class LLToQueueAdapter {
  LinkedList<Integer> list;
  public LLToQueueAdapter() {
    list = new LinkedList<>():
  int size() {
   return list.size();
  void add(int val) {
    list.addLast(val);
  int remove() {
   if(list.size() == 0){
        System.out.println("Queue underflow");
        return -1;
   return list.removeFirst();
  int peek() {
    if(list.size() == 0){
        System.out.println("Queue underflow");
        return -1;
   return list.getFirst();
```

```
public static class LLToStackAdapter {
  LinkedList<Integer> list:
  public LLToStackAdapter() {
   list = new LinkedList<>();
  int size() {
   return list.size();
  void push(int val) {
   list.addFirst(val);
  int pop() {
   if(list.size() == 0){
        System.out.println("Stack underflow");
        return -1;
   return list.removeFirst();
  int top() {
   if(list.size() == 0){
        System.out.println("Stack underflow");
       return -1:
   return list.getFirst();
```