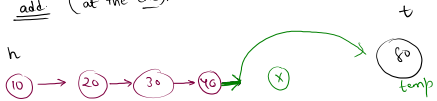
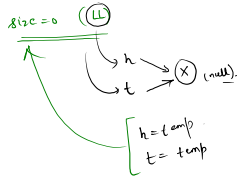
LinkedList

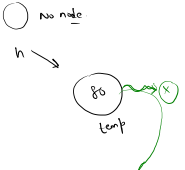
add (at the end).



t.next = temp

t = temp

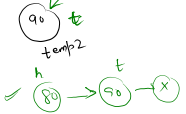


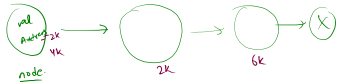


size != 0

t.next = temp2

t = temp2



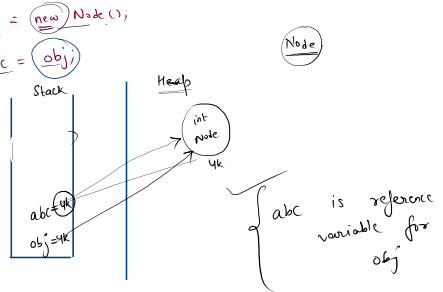


LinkedList → head, tail

Node → val, next

Node obj = new Node();

Node abc = obj;

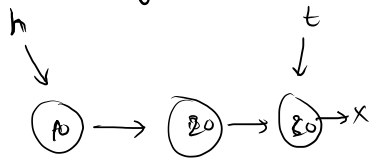


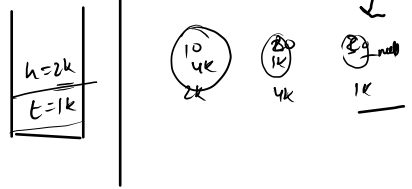
```
LinkedList
{
    Node head;
    Node tail;
}
```

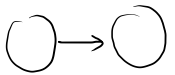
```
Node
{
    int val;
    Node next;
}
```

size of LL = 0

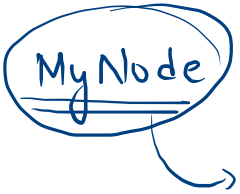
size of LL ≠ 0

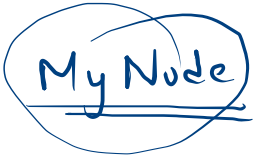






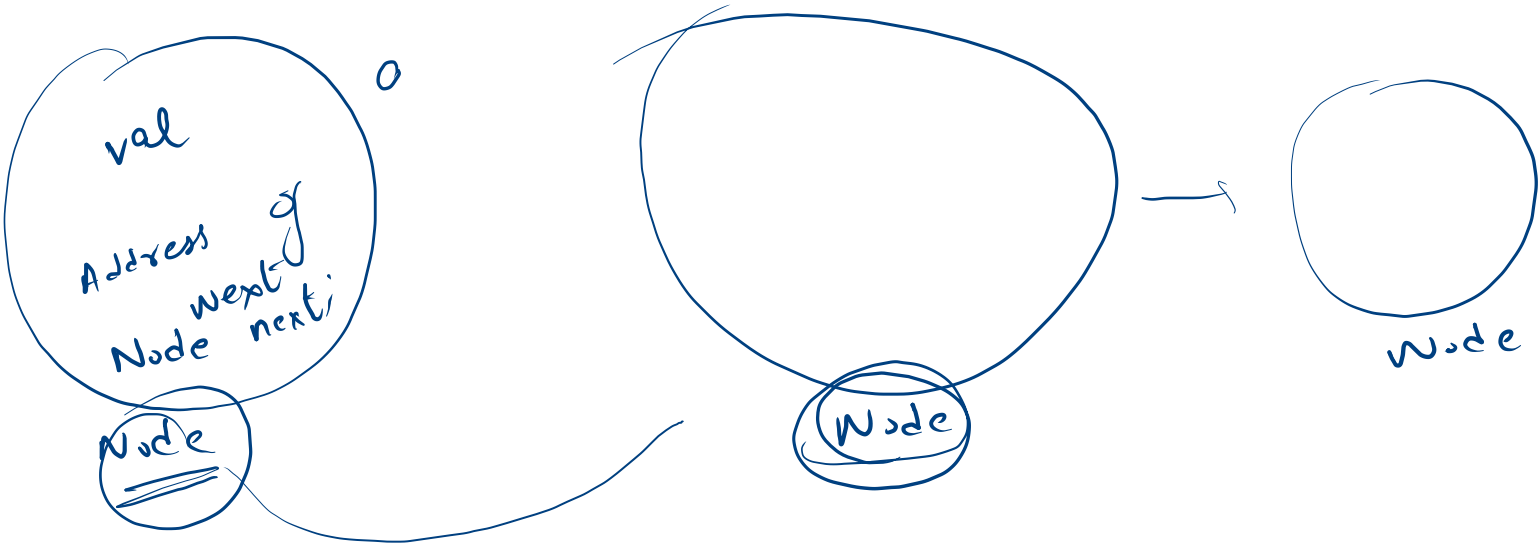
Class





obj = abc;

string abc

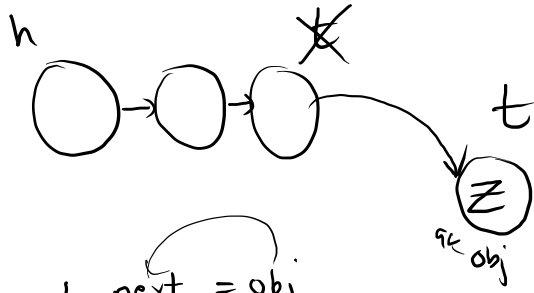

0
val
Address of
Node next;
Node
Node
Node

Size of LL = 0

Before

After

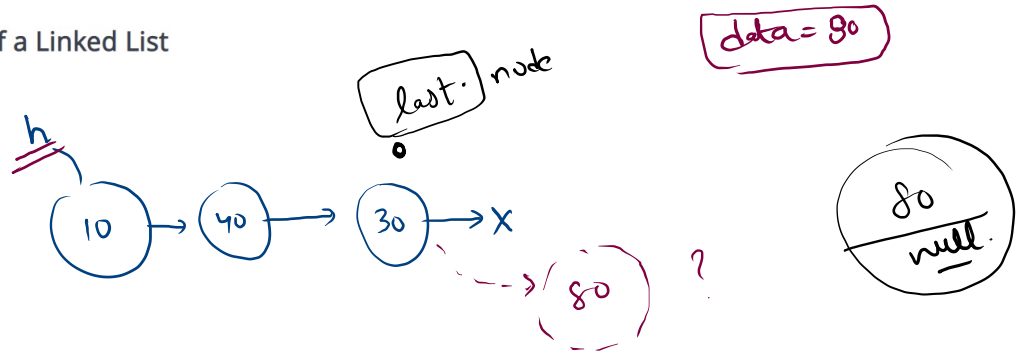
Size of LL ≠ 0



t.next = obj

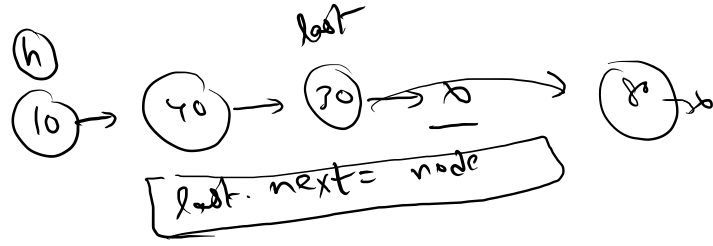
tail = obj

Insert a Node at the Tail of a Linked List



size = 0 (head = null)

size ≠ 0 (head ≠ null)



```java
static SinglyLinkedListNode insertNodeAtTail(SinglyLinkedListNode head, int data) {
    SinglyLinkedListNode node = new SinglyLinkedListNode(data);

    if(head == null){
        head = node;
    }
    else{
        SinglyLinkedListNode tmp = head;
        while(tmp.next != null){
            tmp = tmp.next;          //i++
        }
        tmp.next = node;
    }

    return head;

}
```