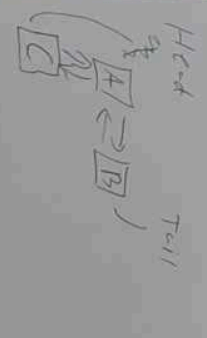


Add Node Last:
(= New node)



new Node = new Node +
Last Node.next =
new node
New Node Prev = Last Node
Tail = New Node

Add Node first:



N = New Node
this.head = N
N.next = Head
Head = N

Remove Node:



if (prev == null)
Tail = tail.next
tail.next = null
if (head == head.next)
head = null

Remove Node:



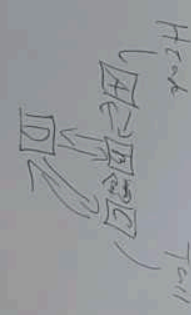
Loop List:
if (prev == null)
D.prev = null
D.next = D.next

Insert Before Node:



if (prev == null)
D.next = C
D.prev = C
C.next = D
C.prev = D
D.prev = C
D.next = C

Insert After Node:



D.next = D.next
D.prev = B
B.next = D
D.next = D
if (prev == null)
D.next = Head
D.prev = Head
tail = D

Swap Nodes (A, B):



Swap (A, B, node):
if (prev == null)
D.next = C
D.prev = C
C.next = D
C.prev = D
D.next = C
D.prev = C