```java
public class Clinklist
{
    Node head;
    class Node{
        int data;
        Node next;
        Node(int d)
        {
            data=d;
            next=null;
        }
    }
    void addFirst(int d)
    {
        Node newnode=new Node(d);
        if(head==null)
        {
            head=newnode;
            head.next=head;
            return;
        }
        if(head.next==head)
        {
            newnode.next=head;
            head.next=newnode;
            head=newnode;
            return;
        }
        Node last=head;
        while(last.next!=head)
        {
            last=last.next;

        }
        newnode.next=head;
        last.next=newnode;
        head=newnode;

    }
    void addLast(int d)
    {
        Node newnode=new Node(d);
        if(head==null)
        {
            head=newnode;
            return;
        }
        if(head.next==head)
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        {
            newnode.next=head;
            head.next=newnode;
            head=newnode;
            return;
        }
        Node last=head;
        while(last.next!=head)
        {
            last=last.next;
        }

        last.next=newnode;
        newnode.next=head;

    }
    void delFirst()
    {
        if(head==null)
        {
          System.out.println("List is empty");
            return;
        }
        if(head.next==head)
        {
        head=null;
        return;
        }
          Node last=head;
        while(last.next!=head)
        {
            last=last.next;
        }

        head=head.next;
        last.next=head;

    }
    void delLast()
    {
        if(head==null)
        {
          System.out.println("List is empty");
            return;
        }
        if(head.next==head)
        {
        head=null;
```

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            return;
        }
         Node last=head;
         Node prev=head;
        while(last.next!=head)
        {
            prev=last;
            last=last.next;
        }

        prev.next=head;
    }
    void printList()
    {
        if(head==null)
        {
            System.out.println("List is empty");
            return;
        }
         Node last=head;
        while(last.next!=head)
        {
            System.out.print(last.data+" ");
            last=last.next;
        }
                System.out.print(last.data+" ");
    }

    public static void main(String[] args) {
    Clinklist list=new Clinklist();
    list.addFirst(1);
    list.addFirst(2);
    list.addLast(3);
    list.addLast(4);
    list.addLast(5);
    list.printList();
    System.out.println();
    list.delFirst();
    list.delLast();
    list.printList();
    }
}
```