

Delete Head of Circular Linked List

Deleting head node from Singly Circular Linked List

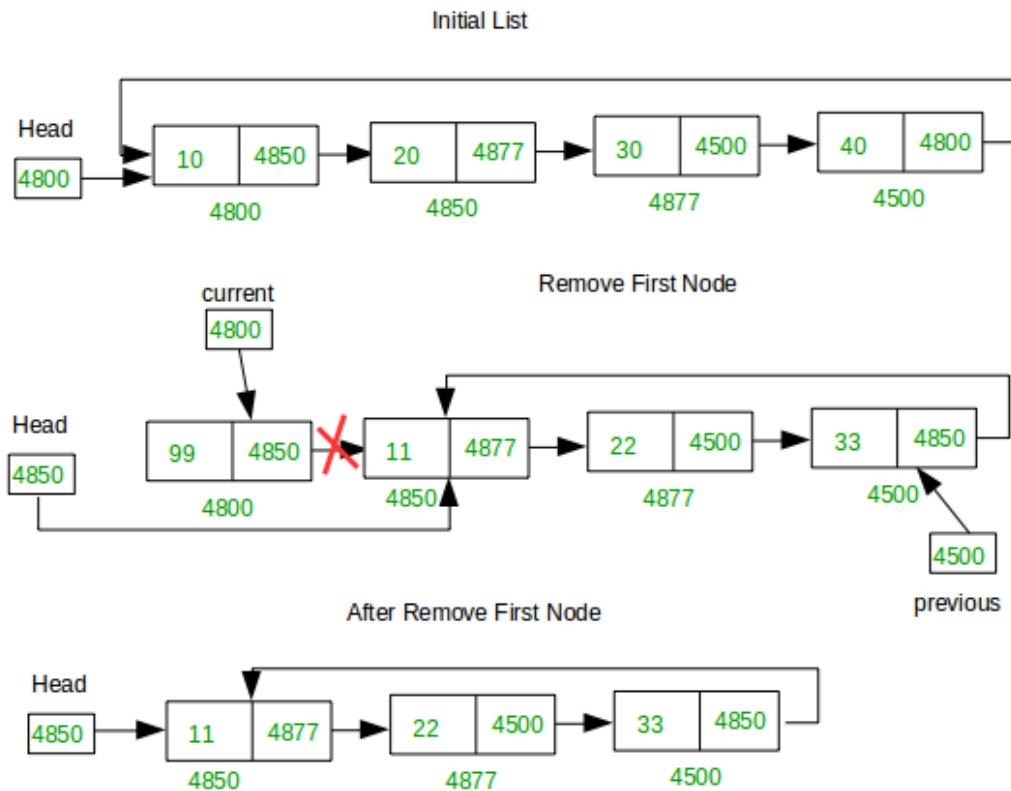
Examples:

Input : 99->11->22->33->44->55->66

Output : 11->22->33->44->55->66

Input : 11->22->33->44->55->66

Output : 22->33->44->55->66



Deleting First Node from Circular Linked List

Naive Approach:

C++

Java

Track Progress

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```
import java.lang.*;
```

Dash



All

```
Node next;  
Node(int d){  
    data=d;  
    next=null;  
}  
}
```



Articles



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Problems

```
class Test {
```

```
    public static void main(String args[])  
    {  
        Node head=new Node(10);  
        head.next=new Node(20);  
        head.next.next=new Node(30);  
        head.next.next.next=new Node(40);  
        head.next.next.next.next=head;  
        head=delHead(head);  
        printlist(head);  
    }
```



Quiz



Contest

```
    public static void printlist(Node head){  
        if(head==null)return;  
        Node r=head;  
        do{  
            System.out.print(r.data+" ");  
            r=r.next;  
        }while(r!=head);  
    }
```

```
    static Node delHead(Node head){  
        if(head==null)return null;  
        if(head.next==head)  
            return null;  
        Node curr=head;  
        while(curr.next!=head)  
            curr=curr.next;
```

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C++

Java



Problems

?

Quiz



Contest

```
class Test {  
  
    public static void main(String args[])  
    {  
        Node head=new Node(10);  
        head.next=new Node(20);  
        head.next.next=new Node(30);  
        head.next.next.next=new Node(40);  
        head.next.next.next.next=head;  
        head=delHead(head);  
        printlist(head);  
    }  
}
```

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All

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}

Articles

```
static Node delHead(Node head){
```

```
if(head==null)return null;
```

```
if(head.next==head)
```

```
return null;
```

```
head.data=head.next.data;
```

```
head.next=head.next.next;
```

```
return head;
```

}

}



Videos



Problems



Quiz



Contest

Output:

20 30 40

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