

```

import java.util.*;

public class Solution
{
    ListNode head;

    public ListNode oddEvenList(ListNode head)
    {
        ArrayList<Integer>arr=new ArrayList<>();
        ListNode temp=head;
        while(temp!=null)
        {
            arr.add(temp.val);
            temp=temp.next;
        }
        ArrayList<Integer>newarr=new ArrayList<>();
        for(int i=0;i<arr.size();i++)
        {
            if(i%2==0)
            {
                newarr.add(arr.get(i));
            }
        }
        for(int i=0;i<arr.size();i++)
        {
            if(i%2!=0)
            {
                newarr.add(arr.get(i));
            }
        }
    }
}

```

```
ListNode newhead=null;
for(int val:newarr)
{
    ListNode node=new ListNode(val);
    if(newhead==null)
    {
        newhead=node;}
    else
    {
        ListNode newtemp=newhead;
        while(newtemp.next!=null)
        {
            newtemp=newtemp.next;
        }
        newtemp.next=node;
    }}
return newhead;

}

}
```