

```

public class Test {
    public static void main(String[] args) {
        testAdd();
        testRemove();
    }
    public static void testAdd(){
        IDLList list = new IDLList();
        printHeadAndTail(list);
        list.add("a");
        printHeadAndTail(list);
        list.add(0, "b");
        list.append("c");
        list.add(0, "d");
        System.out.println();
        printHeadAndTail(list);
        System.out.println(list.toString());
        try {
            list.add(100, 10);
        } catch (Exception e){
            e.printStackTrace();
        }
    }
    public static void testRemove(){
        IDLList list = new IDLList();
        list.add("a");
        printHeadAndTail(list);
        list.remove();
        printHeadAndTail(list);
        for(int i = 0; i < 5; ++i){
            list.append(i);
        }
        list.removeLast();
        System.out.println(list.toString());
        int res = (int)list.remove();
        System.out.println(res);
        System.out.println(list.toString());
        list.remove(2);
        printHeadAndTail(list);
        System.out.println(list.toString());
    }

    public static void printHeadAndTail(IDLList list){
        if(list.getHead() != null)
            System.out.println("Head: " + list.getHead().toString());
        else
            System.out.println("Head: null");
        if(list.getLast() != null)
            System.out.println("Tail: " + list.getLast().toString());
        else
            System.out.println("Tail: null");
        System.out.println();
    }
}

```