

Java每日一题系列(6)计算机等级考试 PDF转换可能丢失图片或格式，建议阅读原文

https://www.100test.com/kao_ti2020/645/2021_2022_Java_E6_AF_8F_E6_97_A5_c97_645326.htm 题目：用Java实现一个完整的双向链表类，并向外提供头、尾节点的增删操作，任意节点的增删操作，获取任意节点，并且要求链表能以字符形式进行输出! 答：

```
/** */ package util. /** * 这个一个完整的双向链表，通过private私有化基础的链表操作，通过public包装向外暴露操作柄。 */ public class DoubleLinkedListTest { /** * The Test in main should not test in a time! * @param args */ public static void main(String[] args) { DoubleLinkedList dll = new DoubleLinkedList(). //Initialize dll.add("HH"). dll.add("II"). dll.add("JJ"). System.out.println(dll). //add first dll.addFirst("AA"). System.out.println(dll). //add last dll.addLast("ZZ"). System.out.println(dll). //add in some location dll.add(4, "Daniel"). System.out.println(dll). //remove first node dll.removeFirst(). System.out.println(dll). //remove last node dll.removeLast(). System.out.println(dll). //remove node in some index dll.remove(2). System.out.println(dll). //get the node of some index System.out.println(dll.get(1)). } } class DoubleLinkedList{ //Node class public class Node{ //Attribute of the node Object value. Node prev=this. Node next=this. //construct public Node(Object value){ this.value=value. } //to String public String toString(){ return value.toString(). } } //Attributes of the DoubleLinkedList private Node head=new Node(null). private int size. //base operate of the doubleLinkedList private void addBefore(Node newNode, Node
```

```
node){ newNode.prev=node.prev. newNode.next=node.  
newNode.prev.next=newNode. newNode.next.prev=newNode. size  
. } 100Test 下载频道开通，各类考试题目直接下载。详细请访  
问 www.100test.com
```