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Java Quick Sort implem

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Java Quick Sort implementation



Haan, main Linked List ko Java mein samajh sakta hoon. Linked List ek linear data structure hai, jisme data ko nodes ke form mein store kiya jata hai. Har node, data ke sath next node ka reference bhi store karta hai.



Yahan ek example hai Linked List ka Java mein:

```
java Copy code

public class LinkedList {
    Node head;

    static class Node {
        int data;
        Node next;

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

    public void printList() {
        Node n = head;
        while (n != null) {
            System.out.print(n.data + " ");
            n = n.next;
        }
    }

    public static void main(String[] args) {
        LinkedList list = new LinkedList();

        list.head = new Node(1);
        Node second = new Node(2);
        Node third = new Node(3);

        list.head.next = second;
        second.next = third;

        list.printList();
    }
}
```

Is implementation mein, `LinkedList` class ko define kiya gaya hai, jisme ek `Node` class bhi define kiya gaya hai. `Node` class, Linked List ke har ek node ko represent karta hai, jisme data aur next node ka reference store kiya jata hai.

`printList()` function, Linked List ke elements ko print karne ke liye use kiya jata hai. `main()` function mein, Linked List ke kuch nodes create kiye jate hai, jinhe Linked List mein add kiya jata hai. Fir, `printList()` function se Linked List ke elements print kiye jate hai.

Yeh implementation Linked List ka ek basic example hai, aur isme aur bhi bahut saare operations kiye ja sakte hai, jaise node ko insert karna, delete karna, search karna, etc.

Regenerate response