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class Node {
    private String data ;
    private Node next;

    public Node(String data){
        this.data = data;
    }

    public void setData(String data){
        this.data = data;
    }

    public void setNext(Node node){
        this.next = node;
    }

    public String getData(){
        return this.data;
    }

    public Node getNext(){
        return this.next;
    }
}

class LinkedList{

    private Node head;
    private Node tail;

    public Node gethead(){
        return this.head;
    }

    public Node gettail(){
        return this.tail;
    }

    public void addAtEnd(String data){
        Node node = new Node(data);

        if (this.head == null) {
            this.head = this.tail = node;
        } else {
            this.tail.setNext(node);
            this.tail = node;
        }
    }

    public void display(){
        Node temp = this.head;

        while (temp!=null) {
            System.out.println(temp.getData());
            temp = temp.getNext();
        }
    }

    public void addAtBeginning(String data){
        Node node = new Node(data);
        if (this.head == null) {

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        this.head = this.tail = node;

    } else {
        node.setNext(this.head);
        this.head = node;
    }
}

public Node find(String data){
    Node temp = this.head;

    while (temp != null) {
        if (temp.getData() == (data))
            return temp;
        temp = temp.getNext();
    }
    return null;
}

public void insert(String data, String dataBefore){
    Node node = new Node(data);

    if (this.head == null) {
        this.head = this.tail = node;
    } else {
        Node nodeBefore = this.find(dataBefore);
        if (nodeBefore != null) {
            node.setNext(nodeBefore.getNext());
            nodeBefore.setNext(node);

            if (nodeBefore == this.tail) {
                this.tail = node;
            } else
                System.out.println("node not found");

        }
    }
}

public void delete(String data){

}

public static void main(String[] args){
    LinkedList list = new LinkedList();
    list.addAtEnd("Milan");
    list.addAtEnd("venice");
    list.addAtEnd("munich");
    list.addAtEnd("vienna");
    // list.addAtBeginning("Vasai");
    list.insert("italy", "munich");
    list.delete("Milan");
    list.display();

    // if(list.find("Vasai")!=null)
    //     System.out.println("Node found");
    // else
    //     System.out.println("Node not found");
}
}

```

