

```

package java33;

class Box<s> {

    private s value;

    public Box(s value) {
        this.value = value;
    }

    public s getValue() {
        return value;
    }

    public void setValue(s value) {
        this.value = value;
    }

    class Node<s> {

        s data;

        Node<s> next;

        public Node(s data) {
            this.data = data;
            this.next = null;
        }
    }

    class SinglyLinkedList<s> {

        private Node<s> head;

        private int size;

        public SinglyLinkedList() {

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        this.head = null;

        this.size = 0;
    }

    public boolean isEmpty() {
        return size == 0;
    }

    public int size() {
        return size;
    }

    public void addFirst(s data) {
Node<s> newNode = new Node<>(data);
        newNode.next = head;
        head = newNode;
        size++;
    }

    public void addLast(s data) {
Node<s> newNode = new Node<>(data);
        if (isEmpty()) {
            head = newNode;
        } else { {
            Node<s> current = head;
            while (current.next != null) {
                current = current.next;
            }
            current.next = newNode;
        }
        size++;
    }

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    {
        public void printList() {
            Node<s> current = head;
            while (current != null) {
                System.out.print(current.data + " ");
                current = current.next;
            }
            System.out.println();
        }
        public void removeFirst() {
            if (isEmpty()) {
                System.out.println("القائمة فارغة");
                return;
            }
            head = head.next;
            size--;
        }
    }

    public class Main {
        public static void main(String[] args) {
            SinglyLinkedList<Integer> list = new SinglyLinkedList<>();
            list.addFirst(10);
            list.addFirst(20);
            list.addFirst(30);

            System.out.print("العناصر في القائمة: ");
            list.printList();
        }
    }

```

```
list.size()); + " حجم القائمة: "System.out.println("
```

```
list.addLast(40);
```

```
System.out.print("بعد إضافة عنصر في النهاية: "؛
```

```
list.printList();
```

```
list.removeFirst();
```

```
System.out.print("بعد إزالة أول عنصر: "؛
```

```
list.printList();
```

```
list.size()); // Output: 3 + " حجم القائمة: "System.out.println("
```

```
list.isEmpty()); // Output: false + " هل القائمة فارغة؟ "System.out.println("
```

```
{
```

```
{
```