

```
package datastructure;

public class StackLinkedList {

    private static Node first = null;

    static StackLinkedList list = new StackLinkedList();

    public static void push(int data) {

        Node newNode = new Node(data);

        newNode.next = first;

        first = newNode;

    }

    public static void pop() {

        Node temp = first;

        first = first.next;

        System.out.println("Removed element Elements: " + temp.data);

    }

    public static void printList(StackLinkedList list) {

        Node currentNode = list.first;

        System.out.print("Linked List Elements: ");

        while (currentNode != null) {

            System.out.print(currentNode.data + " ");

            currentNode = currentNode.next;

        }

        System.out.println();

    }

    public static void main(String[] args) {

        list.push(4);

        list.push(6);

    }

}
```

```
    list.push(1);  
    printList(list);  
    list.pop();  
    printList(list);  
}  
}
```