

S.No: 34	Exp. Name: Write java program(s) that use collection framework classes. (LinkedList class)	Date:2023-12-04
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Aim:

Write a java program(s) that use collection framework classes.(LinkedList class)

Source Code:

LinkedList.java

```
import java.io.*;
import java.util.*;
import java.util.LinkedList;
import java.util.ListIterator;
public class LinkedList {
    public static void main(String args[]) {
        System.out.println("No.Of Strings in LinkedList:");
        Scanner sc = new Scanner(System.in);
        int n=sc.nextInt();
        LinkedList<String> ll =new LinkedList<String>();
        for(int i=0;i<n;i++) {
            System.out.println("Enter the String:");
            Scanner b= new Scanner(System.in);
            String str= b.nextLine();
            ll.add(str);
        }
        System.out.println("LinkedList:" + ll);
        ListIterator list_Iter =ll.listIterator(0);
        System.out.println("The List is as follows:");
        while(list_Iter.hasNext()) {
            System.out.println(list_Iter.next());
        }
    }
}
```

Execution Results - All test cases have succeeded!

Test Case - 1
User Output
No.Of Strings in LinkedList: 3
Enter the String: Hi
Enter the String: Hello
Enter the String: World
LinkedList:[Hi, Hello, World]
The List is as follows:
Hi
Hello
World

Test Case - 2
User Output

No.Of Strings in LinkedList: 2
Enter the String: Human
Enter the String: Being
LinkedList:[Human, Being]
The List is as follows:
Human
Being