| S.No: 34 | Exp. Name: *Write java program(s) that use collection framework classes.* *(LinkedList class)* | Date:2023-12-10 |
|---|---|---|

## Aim:

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

## Source Code:

Linkedlist.java

```java
import java.util.*;
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 |

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| LinkedList:[Human, Being] |
|---|
| The List is as follows: |
| Human |
| Being |