S.No: 34	Exp. Name: *Write java program(s) that use collection framework classes. (LinkedList class)*	Date:2023-12-06

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) {
        Scanner inp = new Scanner(System.in);
        LinkedList<String> linkedList=new LinkedList<String>();
        System.out.println("No.Of Strings in LinkedList:");
        int num = inp.nextInt();
        inp.nextLine();
        for(int i=0;i<num;i++){
            System.out.println("Enter the String:");
            linkedList.add(inp.nextLine());
        }
        System.out.println("LinkedList:"+linkedList);
        System.out.println("The List is as follows:");
        Iterator<String> itr = linkedList.iterator();
        while(itr.hasNext()) {
            System.out.println(itr.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 |