S.No: 34	Exp. Name: *Write java program(s) that use collection framework classes.(LinkedList class)*	Date:2023-12-08

Aim:

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

Source Code:

Linkedlist.java

```java
import java.util.LinkedList;
import java.io.BufferedReader;
import java.io.InputStreamReader;
import java.io.IOException;
public class Linkedlist{
    public static void main(String [] args){
        try{
            BufferedReader br = new BufferedReader(new InputStreamReader(System.in));
            System.out.println("No.Of Strings in LinkedList:");
            int size = Integer.parseInt(br.readLine());
            LinkedList<String> stringList = new LinkedList<>();
            for(int i=1;i<=size;++i){
                System.out.println("Enter the String:");
                stringList.addLast(br.readLine());}
            System.out.println("LinkedList:" + stringList);
            System.out.println("The List is as follows:");
            for(String word : stringList)
            System.out.println(word);}
            catch(IOException e){e.printStackTrace();}}}
```

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