S.No: 32	Exp. Name: *Write java program(s) that use collection framework classes.* *(LinkedHashMap class)*	Date:2023-12-05

Aim:

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

Source Code:

LinkedHashMapclass.java

```java
import java.util.*;
import java.io.*;
public class LinkedHashMapclass{
    public static void main(String args[]) throws Exception{
        BufferedReader br=new BufferedReader(new InputStreamReader(System.in));
        System.out.print("No.Of Mapping Elements in LinkedHashMap:");
        int size=Integer.parseInt(br.readLine());
        LinkedHashMap<String,String> hashMapStrings = new LinkedHashMap<>();
        for(int i=0;i<size;++i){
            System.out.print("String:");
            String mapStr1=br.readLine();
            System.out.print("Corresponding String:");
            String mapStr2=br.readLine();
            hashMapStrings.put(mapStr1,mapStr2);
        }
        System.out.println("LinkedHashMap entries : ");
        Set<String> keysOnly=hashMapStrings.keySet();
        for(String key:keysOnly)
            System.out.println(key+"="+hashMapStrings.get(key));
    }
}
```

Execution Results - All test cases have succeeded!

Test Case - 1
User Output
No.Of Mapping Elements in LinkedHashMap: 3
String: ONE
Corresponding String: hi
String: TWO
Corresponding String: hello
String: THREE
Corresponding String: everyone
LinkedHashMap entries :
ONE=hi
TWO=hello
THREE=everyone

Test Case - 2
User Output
No.Of Mapping Elements in LinkedHashMap: 4

String: 1x1
Corresponding String: 1
String: 1x2
Corresponding String: 2
String: 1x3
Corresponding String: 3
String: 1x4
Corresponding String: 4
LinkedHashMap entries :
1x1=1
1x2=2
1x3=3
1x4=4