S.No: 32	Exp. Name: ***Write java program(s) that use collection framework classes. (LinkedHashMap class)***	Date:2023-12-08

Aim:

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

Source Code:

LinkedHashMapclass.java

```
import java.util.LinkedHashMap;
import java.io.BufferedReader;
import java.io.InputStreamReader;
import java.util.Set;
public class LinkedHashMapclass{
   public static void main(String [] args) throws Exception{
      BufferedReader br = new BufferedReader(new InputStreamReader(System.i
n));
      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));}}
```


ID: 224G1A05B6

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

ID: 224G1A05B6
2022-2026-CSE-B
Srinivasa Ramanujan Institute of Technology