S.No: 32	Exp. Name: ***Write java program(s) that use collection framework classes. (LinkedHashMap class)***	Date:2023-12-04

ID: 224G1A0587

Aim:

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

Source Code:

LinkedHashMapclass.java

```
import java.util.Scanner;
import java.util.Iterator;
import java.util.LinkedHashMap;
import java.util.Set;
public class LinkedHashMapclass {
   public static void main(String args[]) {
      LinkedHashMap<String,String> linkedHashMap=new LinkedHashMap<String,String>();
      System.out.print("No.Of Mapping Elements in LinkedHashMap:");
      Scanner sc = new Scanner(System.in);
      int n = sc.nextInt();
      for(int i=0;i<n;i++) {
         System.out.print("String:");
         Scanner b=new Scanner(System.in);String str1=b.nextLine();
         System.out.print("Corresponding String:");
         String str2=b.nextLine();
         linkedHashMap.put(str1,str2);
      }
      Set entrySet=linkedHashMap.entrySet();
      Iterator it = entrySet.iterator();
      System.out.println("LinkedHashMap entries : ");
      while(it.hasNext())
         System.out.println(it.next());
   }
}
```

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

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