What is ordered Dictionary ?

An OrderedDict is a dictionary subclass that remembers the order in which its contents are added, supporting the usual dict methods.If a new entry overwrites an existing entry, the original insertion position is left unchanged. Deleting an entry and reinserting it will move it to the end.

Hashtable doesn’t preserve the insertion order, neither it sorts the inserted data based on keys or values. Which means no matter what keys & values you insert into Hashtable, the result would not be in any particular order.

The are ways to sort Hashtable using Collections.list and Collections.sort, however best thing to do is use LinkedHashMap or TreeMap.

**Example code :**

import java.util.\*;

public class Main

{

public static void main(String args[])

{

LinkedHashMap<Integer, String> lhm= new LinkedHashMap<Integer, String>();

lhm.put(10, "Chaitanya");

lhm.put(1, "Ajeet");

lhm.put(11, "Test");

lhm.put(9, "Demo");

lhm.put(3, "Anuj");

// Get a set of the entries

Set set = lhm.entrySet();

// Get an iterator

Iterator i = set.iterator();

// Display elements

while(i.hasNext()) {

Map.Entry me = (Map.Entry)i.next();

System.out.print(me.getKey() + ": ");

System.out.println(me.getValue());

}

}

}