**HashTable**

Java Hashtable class implements a hashtable, which maps keys to values. It inherits Dictionary class and implements the Map interface.

1. A Hashtable is an array of list. Each list is known as a bucket. The position of bucket is identified by calling the hashcode() method. A Hashtable contains values based on the key.
2. It contains only unique elements.
3. It may have not have any null key or value.
4. It is synchronized.

**Syntax-**

public class Hashtable<K,V> extends Dictionary<K,V> implements Map<K,V>, Cloneable, Serializable

**Example**

*import java.util.\*;*

*class NetParamHashTable{*

*public static void main(String args[]){*

*Hashtable<Integer,String> hm=new Hashtable<Integer,String>();*

*hm.put(100,"Pashu");*

*hm.put(102,"Vinod");*

*hm.put(101,"Amit");*

*for(Map.Entry m:hm.entrySet()){*

*System.out.println(m.getKey()+" "+m.getValue());*

*}*

*}*

*}*

**Output-**

103 Pashu

102 Vinod

101 Amit