**Java Hashtable class**

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

The important points about Java Hashtable class are:

* 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.
* It contains only unique elements.
* It may have not have any null key or value.
* It is synchronized.

**Hashtable class declaration**

Let's see the declaration for java.util.Hashtable class.

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

**Hashtable class Parameters**

Let's see the Parameters for java.util.Hashtable class.

* **K**: It is the type of keys maintained by this map.
* **V**: It is the type of mapped values.

**Constructors of Java Hashtable class**

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| **Constructor** | **Description** |
| Hashtable() | It is the default constructor of hash table it instantiates the Hashtable class. |
| Hashtable(int size) | It is used to accept an integer parameter and creates a hash table that has an initial size specified by integer value size. |

**Methods of Java Hashtable class**

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| **Method** | **Description** |
| void clear() | It is used to reset the hash table. |
| boolean contains(Object value) | This method return true if some value equal to the value exist within the hash table, else return false. |
| boolean containsValue(Object value) | This method return true if some value equal to the value exists within the hash table, else return false. |
| boolean containsKey(Object key) | This method return true if some key equal to the key exists within the hash table, else return false. |
| boolean isEmpty() | This method return true if the hash table is empty; returns false if it contains at least one key. |
| Object get(Object key) | This method return the object that contains the value associated with the key. |
| Object remove(Object key) | It is used to remove the key and its value. This method return the value associated with the key. |
| int size() | This method return the number of entries in the hash table. |