**Java Map Interface**

A map contains values on the basis of key i.e. key and value pair. Each key and value pair is known as an entry. An Entry is a Pair of Objects. Map contains only unique keys.

Map is useful if you have to search, update or delete elements on the basis of key.

**Useful methods of Map interface**

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| **Method** | **Description** |
| Object put(Object key, Object value) | It is used to insert an entry in this map. |
| void putAll(Map map) | It is used to insert the specified map in this map. |
| Object remove(Object key) | It is used to delete an entry for the specified key. |
| Object get(Object key) | It is used to return the value for the specified key. |
| boolean containsKey(Object key) | It is used to search the specified key from this map. |
| Set keySet() | It is used to return the Set view containing all the keys. |
| Set entrySet() | It is used to return the Set view containing all the keys and values. |

**Map.Entry Interface**

Entry is the sub interface of Map. So we will be accessed it by Map.Entry name. It provides methods to get key and value.

**Methods of Map.Entry interface**

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| **Method** | **Description** |
| Object getKey() | It is used to obtain key. |
| Object getValue() | It is used to obtain value. |