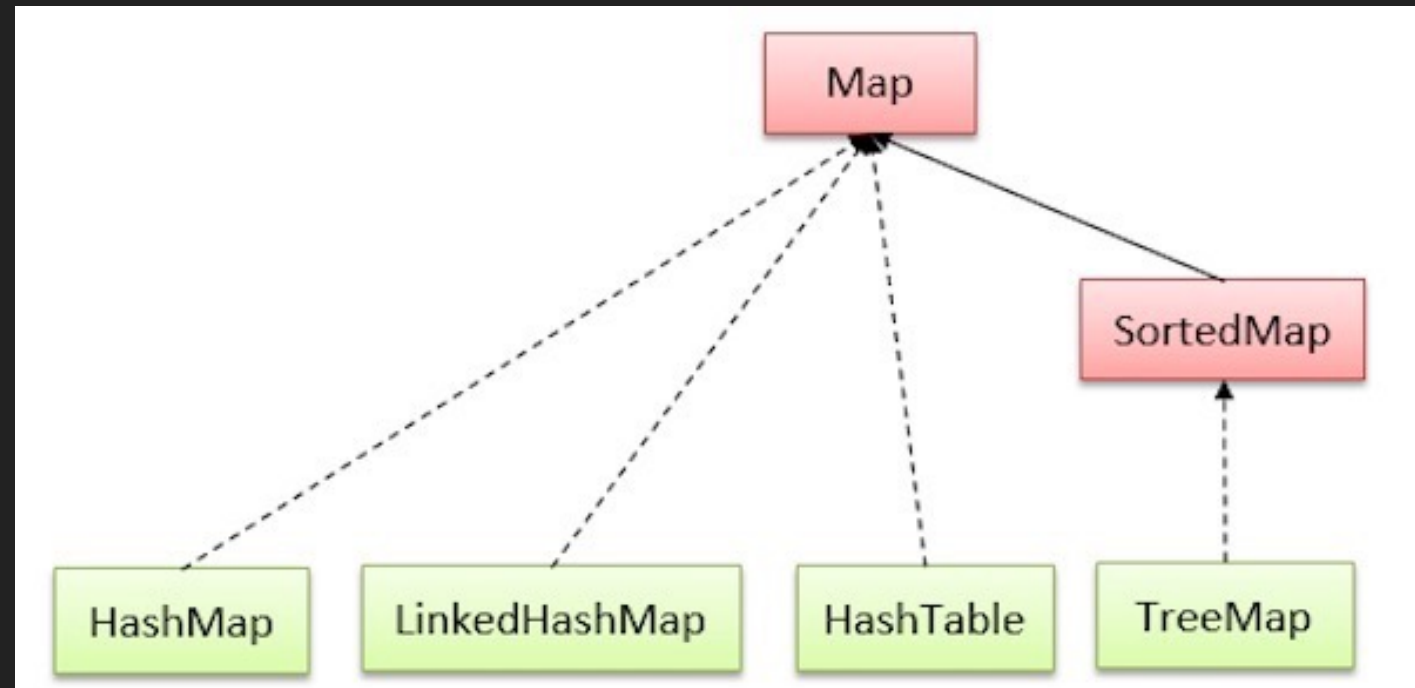
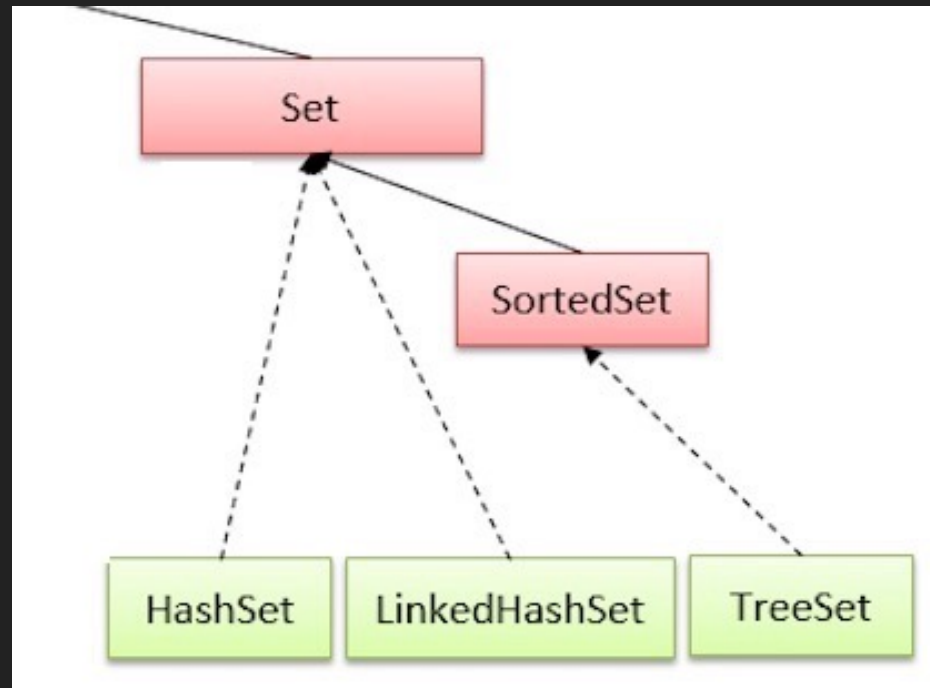


# Data Structure & Algorithm

## Data Structure

### HashSet - HashMap In Java

# 1. Thư viện



# 1. Thư viện

import	use
<pre>import java.util.HashSet; import java.util.Set;</pre>	<pre>Set&lt;MyNumber&gt; mySet = new HashSet&lt;&gt;();</pre>
<pre>import java.util.HashMap; import java.util.Map;</pre>	<pre>Map&lt;Integer, Integer&gt; myMap = new HashMap&lt;&gt;();</pre>

## 2. Methods

Set	Map
<code>mySet.add( new MyNumber(1) );</code>	<code>myMap.put(a, 1);</code>
	<code>myMap.get(a)</code>
<code>mySet.contains(new MyNumber(1));</code>	<code>myMap.containsKey(a)</code>
<pre>for (MyNumber myNumber : mySet) {     System.out.println(myNumber); }</pre>	<pre>for (Map.Entry entry : myMap.entrySet()) { ...    entry.getKey() ...    entry.getValue(); }</pre>

# 3. Test

## 4. Practice

- **Set:** 217. Contains Duplicate
- **Map:** 387. First Unique Character in a String

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