**Java – Get Set view of Keys from HashMap**

[**JAVA.UTIL PACKAGE**](http://beginnersbook.com/category/java-util-package/)

**Description**

Program to get the Set of keys from HashMap.

**Example**

import java.util.Iterator;

import java.util.HashMap;

import java.util.Set;

class HashMapExample{

public static void main(String args[]) {

// Create a HashMap

HashMap<String, String> hmap = new HashMap<String, String>();

// Adding few elements

hmap.put("Key1", "Jack");

hmap.put("Key2", "Rock");

hmap.put("Key3", "Rick");

hmap.put("Key4", "Smith");

hmap.put("Key5", "Will");

// Getting Set of HashMap keys

/\* public Set<K> keySet(): Returns a Set view of the keys contained

\* in this map. The set is backed by the map, so changes to the map

\* are reflected in the set, and vice-versa.

\*/

Set<String> keys = hmap.keySet();

System.out.println("Set of Keys contains: ");

/\* If your HashMap has integer keys then specify the iterator like

\* this: Iterator<Integer> it = keys.iterator();

\*/

Iterator<String> it = keys.iterator();

// Displaying keys. Output will not be in any particular order

while(it.hasNext()){

System.out.println(it.next());

}

}

}

**Output:**

Set of Keys contains:

Key2

Key1

Key4

Key3

Key5

Note: The set of keys is backed up by original HashMap so if you remove any key from the Set it would automatically be removed from the HashMap.