**Java – Check if a particular key exists in HashMap example**

[**JAVA COLLECTIONS**](http://beginnersbook.com/category/java-collections/)

In the last tutorial we learnt how to [**check whether a particular value exists in HashMap**](http://beginnersbook.com/2014/07/java-check-if-a-particular-value-exists-in-hashmap-example/). In this example we are gonna see how to check if a particular key is present in HashMap. We will be using [**containsKey()**](http://docs.oracle.com/javase/7/docs/api/java/util/HashMap.html#containsKey(java.lang.Object)) method of HashMap class to perform this check. The method definition and description are as follows:

public boolean containsKey(Object key): Returns true if this map contains a mapping for the specified key.

**Example**

The steps we followed in the below example are:

1) Create a HashMap and populate it with key-value pairs.  
2) Check any key existence by calling containsKey() method. This method returns a boolean value.

import java.util.HashMap;

public class CheckKeyExample {

public static void main(String[] args) {

// Creating a HashMap of int keys and String values

HashMap<Integer, String> hashmap = new HashMap<Integer, String>();

// Adding Key and Value pairs to HashMap

hashmap.put(11,"Chaitanya");

hashmap.put(22,"Pratap");

hashmap.put(33,"Singh");

hashmap.put(44,"Rajesh");

hashmap.put(55,"Kate");

// Checking Key Existence

boolean flag = hashmap.containsKey(22);

System.out.println("Key 22 exists in HashMap? : " + flag);

boolean flag2 = hashmap.containsKey(55);

System.out.println("Key 55 exists in HashMap? : " + flag2);

boolean flag3 = hashmap.containsKey(99);

System.out.println("Key 99 exists in HashMap? : " + flag3);

}

}

**Output:**

Key 22 exists in HashMap? : true

Key 55 exists in HashMap? : true

Key 99 exists in HashMap? : false