**HashMap – Get value from key example**

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

**Description**

Program to get value from HashMap when the key is provided.

**Example**

import java.util.HashMap;

class HashMapDemo{

public static void main(String[] args) {

// Create a HashMap

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

//add elements to HashMap

hmap.put(1, "AA");

hmap.put(2, "BB");

hmap.put(3, "CC");

hmap.put(4, "DD");

// Getting values from HashMap

String val=hmap.get(4);

System.out.println("The Value mapped to Key 4 is:"+ val);

/\* Here Key "5" is not mapped to any value so this

\* operation returns null.

\*/

String val2=hmap.get(5);

System.out.println("The Value mapped to Key 5 is:"+ val2);

}

}

**Output:**

The Value mapped to Key 4 is:DD

The Value mapped to Key 5 is:null

Note: In the above program the key 5 is not mapped to any value so the get() method returned null, However you must not use this method for checking existence of a Key in HashMap because a return value of null does not necessarily indicate that the map contains no mapping for the key; it’s also possible that the map explicitly maps the key to null. You must use the containsKey() method for checking the [**existence of a Key in HashMap**](http://beginnersbook.com/2014/07/java-check-if-a-particular-key-exists-in-hashmap-example/).