**Java – Remove all mappings from HashMap example**

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

**Example**

In the last tutorial we shared how to [**remove a specific mapping from HashMap based on key**](http://beginnersbook.com/2014/07/java-remove-mapping-from-hashmap-example/). In this example we are going to see how to remove all the mappings from HashMap. We will be using [**clear() method**](http://docs.oracle.com/javase/7/docs/api/java/util/HashMap.html#clear()) of [**HashMap class**](http://beginnersbook.com/2013/12/hashmap-in-java-with-example/) to do this:

public void clear(): Removes all of the mappings from this map. The map will be empty after this call returns.

**Complete Code:**

import java.util.HashMap;

public class RemoveAllExample {

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,"Value1");

hashmap.put(22,"Value2");

hashmap.put(33,"Value3");

hashmap.put(44,"Value4");

hashmap.put(55,"Value5");

// Displaying HashMap Elements

System.out.println("HashMap Elements: " + hashmap);

// Removing all Mapping

hashmap.clear();

// Displaying HashMap Elements after remove

System.out.println("After calling clear():");

System.out.println("---------------------");

System.out.println("HashMap Elements: " + hashmap);

}

}

**Output:**

HashMap Elements: {33=Value3, 55=Value5, 22=Value2, 11=Value1, 44=Value4}

After calling clear():

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HashMap Elements: {}

As you can see all the mappings of HashMap have been removed after calling clear() method and HashMap became empty after that.