1.Write a Java program to associate the specified value with the specified key in a HashMap.

Solution:

import java.util.HashMap;

public class HashMapExample {

public static void main(String[] args) {

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

hashMap.put("One", 1);

hashMap.put("Two", 2);

hashMap.put("Three", 3);

System.out.println("HashMap: " + hashMap);

}

}

Output:

HashMap: {One=1, Two=2, Three=3}

2.Write a Java program to check whether a HashMap contains key-value mappings (empty) or not

Solution:

import java.util.HashMap;

public class HashMapCheck {

public static void main(String[] args) {

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

boolean isEmpty = hashMap.isEmpty();

if (isEmpty) {

System.out.println("HashMap is empty.");

} else {

System.out.println("HashMap is not empty.");

}

}

}

Output:

HashMap is empty.