**HashMap in Java**

import java.util.\*;

public class Hashing {

public static void main(String args[]) {

//Creation

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

//Insertion

map.put("India", 120);

map.put("US", 30);

map.put("China", 150);

System.out.println(map);

map.put("China", 180);

System.out.println(map);

//Searching

if(map.containsKey("Indonesia")) {

System.out.println("key is present in the map");

} else {

System.out.println("key is not present in the map");

}

System.out.println(map.get("China")); //key exists

System.out.println(map.get("Indonesia")); //key doesn't exist

//Iteration (1)

for( Map.Entry<String, Integer> e : map.entrySet()) {

System.out.println(e.getKey());

System.out.println(e.getValue());

}

//Iteration (2)

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

for(String key : keys) {

System.out.println(key+ " " + map.get(key));

}

//Removing

map.remove("China");

System.out.println(map);

}

}