import java.util.\*;

public class MapDemo {

public static void main(String[] args) {

// HashMap

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

hm.put(1, "Sachin");

hm.put(2, "Sehwag");

hm.put(3, "Gambhir");

System.out.println("\nThe elements of HashMap are ");

for (Map.Entry<Integer, String> entry : hm.entrySet()) {

System.out.println(entry.getKey() + " " + entry.getValue());

}

// Hashtable

Hashtable<Integer, String> ht = new Hashtable<>();

ht.put(4, "Ales");

ht.put(5, "Rosy");

ht.put(6, "Jack");

ht.put(7, "John");

System.out.println("\nThe elements of Hashtable are ");

for (Map.Entry<Integer, String> entry : ht.entrySet()) {

System.out.println(entry.getKey() + " " + entry.getValue());

}

// TreeMap

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

map.put(8, "Annie");

map.put(9, "Charlotte");

map.put(10, "Catie");

System.out.println("\nThe elements of TreeMap are ");

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

System.out.println(entry.getKey() + " " + entry.getValue());

}

}

}

