package typecasting;

import java.util.\*;

public class Map {

public interface Entry {

}

public static void main(String[] args) {

// map

//Hashmap

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

hm.put(1,"Tim");

hm.put(2,"Mary");

hm.put(3,"Catie");

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

for(java.util.Map.Entry<Integer, String> m:hm.entrySet()){

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

}

//HashTable

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

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(java.util.Map.Entry<Integer, String> n:ht.entrySet()){

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

}

//TreeMap

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

map.put(8,"Annie");

map.put(9,"Carlotte");

map.put(10,"Catie");

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

for(java.util.Map.Entry<Integer, String> l:map.entrySet()){

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

}

}

}