**Practice-Project6**

**Map**

**Source code:**

**import** java.util.\*;

**public** **class** mapDemo {

**public** **static** **void** main(String[] args) {

// map

//Hashmap

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

hm.put(1,"Jimmy");

hm.put(2,"Tom");

hm.put(3,"John");

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

**for**(Map.Entry m:hm.entrySet()){

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

}

//HashTable

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

ht.put(4,"Alexa");

ht.put(5,"Rosy");

ht.put(6,"Jacky");

ht.put(7,"Jommy");

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

**for**(Map.Entry n:ht.entrySet()){

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

}

//TreeMap

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

map.put(8,"Adi");

map.put(9,"Joji");

map.put(10,"Cartle");

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

**for**(Map.Entry l:map.entrySet()){

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

}

}

}

**Output:**

The elements of Hashmap are

1 Jimmy

2 Tom

3 John

The elements of HashTable are

7 Jommy

6 Jacky

5 Rosy

4 Alexa

The elements of TreeMap are

8 Adi

9 Joji

10 Cartle