**//MAP**

**package** proj1;

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

**public** **class** mapTest {

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

// **TODO** Auto-generated method stub

//HashMap

System.***out***.println("HashMap");

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

cityCode.put("Chennai",603);

cityCode.put("Hyderbad",607);

cityCode.put("Pune", 601);

System.***out***.println(cityCode);

System.***out***.println("\n");

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

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

}

//hashTable

System.***out***.println("\n");

System.***out***.println("Hashtable");

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

st.put(1001, "std1");

st.put(1002, "std2");

st.put(1003,"std3");

st.put(1004,"std4");

System.***out***.println(st);

System.***out***.println("\n");

**for**(Map.Entry a:st.entrySet()) {

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

}

//TreeMap

System.***out***.println("\n");

System.***out***.println("TreeMap");

TreeMap<Integer,String>st2=**new** TreeMap<Integer,String>();

st2.put(2003,"st5");

st2.put(2001,"st6");

st2.put(2002,"st7");

st2.put(2004,"st8");

System.***out***.println(st2);

System.***out***.println("\n");

**for**(Map.Entry d:st2.entrySet()){

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

}

}

}