**package** org.list.test;

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

**import** java.util.Map.Entry;

**public** **class** Collections {

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

//Declaration of the Map

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

//To add a value in the Map

mi.put(20, "Ramesh");

mi.put(10, "Suresh");

mi.put(50, "Harish");

mi.put(40, "Vignesh");

mi.put(30, "Vignesh");

mi.put(10, "Subash");

//To Print thr Map

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

//To know the Size of the Map

**int** siz = mi.size();

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

//To check if the given key is present

**boolean** conK = mi.containsKey(20);

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

//To check if the given value is present

**boolean** conV = mi.containsValue("Vignesh");

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

//To get the Value of the particular Key

String val = mi.get(20);

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

//To Print all the Keys

Set<Integer> keys = mi.keySet();

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

//To Print All the Values

Collection<String> vals = mi.values();

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

//Iteration

Set<Entry<Integer, String>> en = mi.entrySet();

**for** (Entry<Integer, String> x : en) {

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

//System.out.println(x.getKey());

//System.out.println(x.getValue());

}

}

}