package hashmap;

import java.util.\*;

import java.util.Map.Entry;

public class HashMapDemo {

public static void main(String args[]) {

// Create a hash map

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

// Put elements to the map

hm.put("Satish", new Double(3434.34));

hm.put("Sagar", new Double(123.22));

hm.put("Kishore", new Double(1378.00));

hm.put("Ranga", new Double(99.22));

hm.put("Srujan", new Double(-19.08));

// Get a set of the entries

Set<Entry<String,Double>> set = hm.entrySet();

// Get an iterator

Iterator<Entry<String, Double>> i = set.iterator();

// Display elements

while(i.hasNext()) {

Map.Entry me = (Map.Entry)i.next();

System.out.print(me.getKey() + ": ");

System.out.println(me.getValue());

}

System.out.println();

// Deposit 1000 into Satish's account

double balance = ((Double)hm.get("Satish")).doubleValue();

hm.put("Satish", new Double(balance + 1000));

System.out.println("Satish's new balance: " + hm.get("Satish"));

}

}