package cmis242.hashmap.pkg1;

import java.util.HashMap;

import java.util.Map;

import java.util.List;

import java.util.ArrayList;

import java.util.Scanner;

public class CMIS242HashMap1 {

public static void main(String[] args) {

Scanner input = new Scanner(System.in);

int indexCount = 0;

String idValue;

HashMap<String, java.util.List<String>> employee = new HashMap<String, java.util.List<String>>();

java.util.List<String> staff01 = new ArrayList<String>();

staff01.add("Joan Smith");

staff01.add("Worker");

staff01.add("Level 3");

java.util.List<String> staff02 = new ArrayList<String>();

staff02.add("Pete Blank");

staff02.add("Supervisor");

staff02.add("Level 2");

java.util.List<String> staff03 = new ArrayList<String>();

staff03.add("Mary Jones");

staff03.add("Management");

staff03.add("Level 1");

employee.put("1321", staff01);

employee.put("8765", staff02);

employee.put("5634", staff03);

for( Map.Entry<String, java.util.List<String>> entry : employee.entrySet()) {

String key = entry.getKey();

java.util.List<String> values = entry.getValue();

System.out.print("\nKey = " + key);

//System.out.println(" , Values = " + values);

System.out.println(" +++++++++++++++++++ ");

System.out.println(" Employee Name is " + values.get(0));

System.out.println(" Position is " + values.get(1));

System.out.println(" Payroll Code is " + values.get(2));

}//end for( Map.Entry<String, List<String>> entry : employee.entrySet())

}//end main ()

}//end class CMIS242HashMap1

**IDE Output Window**:

run:

Key = 8765 +++++++++++++++++++

Employee Name is Pete Blank

Position is Supervisor

Payroll Code is Level 2

Key = 1321 +++++++++++++++++++

Employee Name is Joan Smith

Position is Worker

Payroll Code is Level 3

Key = 5634 +++++++++++++++++++

Employee Name is Mary Jones

Position is Management

Payroll Code is Level 1

BUILD SUCCESSFUL (total time: 0 seconds)