3-4

import java.util.HashMap;  
import java.util.Map;  
  
public class Dateclass {  
 private int date;  
 private int month;  
 private int year;  
  
 public DataClass(int date, int month, int year) {  
 this.date = date;  
 this.month = month;  
 this.year = year;  
 }  
  
 public int getDate() {  
 return date;  
 }  
  
 public void setDate(int date) {  
 this.date = date;  
 }  
  
 public int getMonth() {  
 return month;  
 }  
  
 public void setMonth(int month) {  
 this.month = month;  
 }  
  
 public int getYear() {  
 return year;  
 }  
  
 public void setYear(int year) {  
 this.year = year;  
 }  
  
 @Override  
 public int hashCode() {  
 return super.hashCode();  
 }  
  
 @Override  
 public boolean equals(Object obj) {  
 return super.equals(obj);  
 }  
  
 @Override  
 public String toString() {  
 return "DataClass{" +  
 "date=" + date +  
 ", month=" + month +  
 ", year=" + year +  
 '}';  
 }  
}  
  
public class Assignment3Q4 {  
 public String getEmployee(HashMap<Dateclass,String>dob,String employeeName){  
 for (Map.Entry k: dob.entrySet()){  
 if (k.getValue() == employeeName){  
 System.*out*.println("Employee Data: " + k.getKey().toString()+":"+k.getValue());  
 }  
 }  
  
 return employeeName;  
 }  
 public static void main(String[] args) {  
 Assignment3Q4 obj = new Assignment3Q4();  
  
 Dateclass a = new Dateclass(19,05,1998);  
 Dateclass b = new Dateclass(14,01,2002);  
 Dateclass c = new Dateclass(2,05,2001);  
 Dateclass d = new Dateclass(31,10,2000);  
  
 HashMap<Dateclass, String> hashMap = new HashMap<>();  
 hashMap.put(a, "Ram" );  
 hashMap.put(b, "Arjun" );  
 hashMap.put(c, "Krishna" );  
 hashMap.put(d, "Sai" );  
 System.*out*.println("The Employees List: ");  
  
 for (Map.Entry<Dateclass, String> dataClassStringEntry : hashMap.entrySet()) {  
 System.*out*.println(((Map.Entry) dataClassStringEntry).getKey() + ":" + ((Map.Entry) dataClassStringEntry).getValue());  
  
 }  
  
 }  
}