|  |
| --- |
| package persistemployee; |
|  |
| import java.io.FileInputStream; |
| import java.io.FileNotFoundException; |
| import java.io.FileOutputStream; |
| import java.io.IOException; |
| import java.io.ObjectInputStream; |
| //import java.io.FileWriter; |
| import java.io.ObjectOutputStream; |
| import java.util.ArrayList; |
| import java.util.Iterator; |
| import java.util.List; |
|  |
| public class EmployeeUtility |
| { |
| public boolean addEmployee(String fileName,ArrayList<Employee> employeeList) throws FileNotFoundException, IOException |
| { |
| ObjectOutputStream obj=new ObjectOutputStream(new FileOutputStream(fileName)); |
| obj.writeObject(employeeList); |
| obj.close(); |
| return true; |
|  |
| } |
|  |
| public Employee viewEmployeeById(String fileName,int employeeId) throws ClassNotFoundException, IOException |
| { |
| ObjectInputStream obj=new ObjectInputStream(new FileInputStream(fileName)); |
| List<Employee> list=(List<Employee>) obj.readObject(); |
| Iterator<Employee> it=list.iterator(); |
| while(it.hasNext()) |
| { |
| Employee emp=it.next(); |
| if(emp.getEmployeeId()==employeeId) |
| { |
| return emp; |
|  |
| }else |
| { |
| continue; |
| } |
|  |
| } |
| return null; |
|  |
|  |
| } |
|  |
| }  Second program: |
|  |
| package persistemployee; |
|  |
| import java.io.FileNotFoundException; |
| import java.io.IOException; |
| import java.util.ArrayList; |
| import java.util.List; |
|  |
| public class Main { |
|  |
| public static void main(String[] args) throws FileNotFoundException, IOException, ClassNotFoundException { |
| EmployeeUtility emp1=new EmployeeUtility(); |
| ArrayList<Employee> arraylist=new ArrayList<Employee>(); |
| arraylist.add(new Employee(101,"sam",345.56f)); |
| arraylist.add(new Employee(102,"harry",205.56f)); |
| emp1.addEmployee("akio.txt",arraylist ); |
| Employee emp2=emp1.viewEmployeeById("akio.txt", 102); |
| System.out.println(emp2.getName()+" "+emp2.getEmployeeId()+" "+emp2.getAppraisalRating()); |
| } |
|  |
| } |