Hacettepe University
Computer Science and Engineering Department

Name and Surname   : Çağdaş Berkan Toptaş

Identity Number   : 21328505

Course   : BBM104 Introduction to
                            Programming Laboratory II

Experiment   : Programming Assignment II

Subject   : Inheritance

Due Date   : 23.03.2016

Advisors   : Assist. Prof. Dr. Ayça TARHAN,
                            R. A. Nebi YILMAZ

E-mail   : b21328505@cs.hacettepe.edu.tr

2. Software Using Documentation
2.1. Software Usage

Program starts Main.java class.The input files given as an argument. Personnel.txt file is the first argument and the Monitoring.txt file is second.(args[0]=Personnel.txt and args[1]=Monitoring.txt)

2.1. Error Messages

Program doesn't have any error messages. Because advisors said that not give wrong input.

3.Software Design Notes
3.1. Desctiption of the program
3.1.1. Problem

In this experiment I am expected to develop a system to monitorize payroll of Personnel who is working in a governmental institution.

3.1.2. Solution

I solved the problem when I read the given article at Appendix A.

3.2. System Chart

Inputs   **:** Personnel.txt
                : Monitoring.txt

Programs : Main.java

       : personnel.java

       : monitoring.java

       : manager.java

       : officer.java

       : security.java

       : employee.java

       : ptemployee.java

       : ftemployee.java

       : worker.java

       : chief.java

3.3. Algorithm

1. Program takes 2 arguments. (args[0],args[1])

2. Call readFile function with arguments.

3. Split that files and give into ArrayLists.

4. Compare personnelList registnumber and monitoringList registnumber.

5. When they matches, creat file with their registnumber and write the personnels specifies into the files.

REFERENCES

https://en.wikipedia.org/wiki/Javadoc