MSiA 422 – Winter 2017

Homework # 4

DUE: 2/27/2017

Java OOP Exercise - Appointment Book

Write a java program to do the following:

- Implement a superclass **Appointment** and subclasses **Onetime**, **Daily**, and **Monthly**.
- Each appointment has description, and dates info
- Date info are as follow:
    - Onetime: The exact date (month/day/year)
    - Daily: (starting date and ending date)
    - Monthly: day, starting month and year, and ending month and year.
- Give the user the ability to add new appointment. The user enters the appointment type, description, and date details.
- Fill an array of appointment objects with a mixture of appointment types.
- Provide a functionality to allow the user to save and load appointments into a text file. You should store all information about appointments.
- Write a method occursOn(int year, int month, int day) that check whether the appointment occurs on that date.
- Have the user enter a date and print out all appointments that occur on that date.

- Document your work