

MSiA 422 – Fall 2018

Homework # 5

DUE: 11/24/2018

Java OOP Exercise - Appointment Book

Write a java program to do the following:

- Implement a superclass **Appointment** and subclasses **Onetime**, **Daily**, and **Monthly**.
abstract
 - 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.
load function works for one appointment and then loop
 - 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. *no occursOn case*
 - Have the user enter a date and print out all appointments that occur on that date.
- Document your work