# **JAVA Phase II 300 points Due Date –Nov.16 (no late assignments accepted!)**

You are to use the code from Phase I and **add to it**. You are to add code to the following methods:

1. **Begin**\_**read\_patient -** This method will open a text file called **patient.dat** and read Patient information into parallel arrays. This data file must be copied into the main folder of your JAVA project. The Patient information that will be read in is as follows:
   * + **Patient Number (four digit integer)**
     + **Patient First Name (String)**
     + **Patient Last Name (String)**
     + **Patient Account Balance (double)**
     + **Patient Age (Integer)**
2. **Begin\_read\_doctor** -This method will open the data file, **doctor.dat** and read doctor information into parallel arrays. This data file must be copied into the main folder of your JAVA project. The doctor information that will be read in is as follows:
   * + **Doctor Number (two digit integer)**
     + **Doctor First Name (String)**
     + **Doctor Last Name (String)**
     + **Specialty (String)**
3. **Begin\_read\_medical** - This method will open the data file, **medical.dat** and read in surgery information into another set of parallel arrays. This data file must be copied into the main folder of your JAVA project. The information that will be read in is as follows:
   * + **Patient Number Integer - the patient number**
     + **Doctor Number Integer - the doctor number**
     + **Appointment date String – date of the appointment**
     + **Appointment Cost Double – cost of the appointment**
4. **Report -** When this method is called, a menu will be printed. This code has been created for you in the phaseI solution code. You should copy the code from the Report\_section method into your Report\_section method

The report menu will keep running until the user selects **10. Exit Report Menu.**

For this phase of the project, you are to complete reports 1,2 and 3 as follows

1. Display all Patient information from Patient arrays
2. Display all Physician information from Doctor arrays
3. Display all Medical information from medical arrays

You are to create a word document and put your name and date at the top. Copy your code next. Copy a screen shot of each report running next in the word document. Upload this document to blackboard.