**JAVA Semester Project – Phase I**

**150 points – Due Date Nov.2 \*Please Note\*(no late assignments accepted!)**

This will be Phase #1 of a continuous project. You will be creating the entire structure of a program that will be completed in pieces (phases) In this phase of the project, you are to make calls to methods, but all of the methods, ***except the Menu method***, will have only a System.out statement in them stating that the method has been executed. This is called a stub. The program will call the proper method, but each method will be completed later.

Your program will keep track information for a Hospital. The program will be menu driven. Your menu is to look something like the following:

**UPMC Medical Center**

1. **Add/Modify Patient Information**
2. **Add/Modify Physician Information**
3. **Add/Modify Medical Information**
4. **Hospital Report Section**
5. **Exit the Medical System**

## Please Make your selection >

In this first phase you are to write the complete method for the **menu** and **stubs for all of the other methods.**

The names and definitions of the methods are as follows:

1. **Main\_Menu** – **This method is NOT a stub…**This method will print the above menu and will return the user’s selection to the main method. (You will have a while loop ***in the main JAVA method*** that calls the menu method until the user selects #5)
2. **Modify\_patient**– **stub for now**… code to be added later
3. **Modify\_physician**– **stub for now**… code to be added later
4. **Modify\_medical**- **stub for now**… code to be added later
5. **Report\_section** – **stub for now**… code to be added later
6. **Begin\_read\_patient – stub for now**… code to be added later
7. **Begin\_read\_doctor– stub for now**… code to be added later
8. **Begin\_read\_medical– stub for now** code to be added later
9. **Exit\_upmc**- **stub for now**… code to be added later

**Important Notes:**

* **Pseudo code (design) is provided with this assignment. You MUST follow the design specifications**
* **You MUST use the names above for the methods**
* **You are NOT to add any code to the stubs during this phase of the project, except a system.out statement saying the method was executed**
* **There MUST be a while loop in the main method that will run until the user selects 5. Exit the System**
* **An example of a program containing a menu and stubs is provided with this assignment**

**Copy your code to a word document. Copy a few screen shots of your program running to the word document. Upload the document to blackboard.**