**CMSC203 Assignment 2 Design**

Class: CMSC203 CRN 21955

 Program: Assignment #2

Instructor: Gary C. Thai

 Summary of Description: Project #2 – Patient

 Due Date: 10/04/2024

 Integrity Pledge: I pledge that I have completed the programming assignment independently.

 I have not copied the code from a student or any source.

**Patient**

Create Patient class

Create no-arg constructor

Create Parametrized constructors for patient full name

Create Parametrized constructors for all patient attributes

Create Accessor method to get patient information

Create Mutators (setters) to set patient information

Create a method to build and concatenate patient information

Display patient information

**PatientDriverApp**

Create Accessor method to set procedure charges

Create a scanner object to read from the keyboard

Enter patient information

Close the keyboard

Create a patient object

Create three Procedure objects using different constructors

Calculate total charge for the three procedures

Display patient information

Display procedure information

Print student information

Create a method to display patient information

Create a method to display procedure information

Create a method to calculate total charges

**Procedure**

Create No-arg constructor

Create parametrized constructor for name and date of procedure

Create parametrized constructors for all attributes

Create Accessor Method to get procedure and practitioner information

Create Mutators (setters) to set procedure and practitioner information

Display procedure information

**Pseudo Code**