**CMSC203 Assignment 2 Design**

Class: CMSC203 CRN20984

 Program: Assignment #2 - Design

Instructor: Ahmed Tarek

 Summary of Description: (Patient & Procedure Information)

 Due Date: 09/18/2023

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

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

**Part1: Pseudo Code:** Here is a pseudo code for Assignment 2 program:

1. **Start**
2. **PatientDriverApp Class.**
3. **Create a Patient Object.**
4. **Ask the user for their First name, middle name, and last name and initialize accordingly.**
5. **Ask the user for their Street Address, city, state, and ZIP code and initialize accordingly.**
6. **Ask the user for their Phone number and initialize accordingly.**
7. **Ask the user for the name and phone number of their emergency contact and initialize accordingly.**
8. **Return Patient information.**
9. **Print all the information about the Patient.**
10. **Call Procedure Class.**
11. **Ask the name of the Procedure and initialize accordingly.**
12. **Ask the date of the procedure and initialize accordingly.**
13. **Ask the Name of the practitioner who performed the procedure and initialize accordingly.**
14. **Ask the charges of the procedure.**
15. **Return Procedure information.**
16. **Print all the information about the Procedure.**
17. **Repeat this for 2 more procedures.**
18. **Calculate the total charge of all the procedures.**
19. **Display total charges.**
20. **Display student name “Mohammad Danyal”.**
21. **Display MC# “MC21130618”.**
22. **Display due date.**
23. **Stop.**