**Introduction To Database Management Systems (Lab 5)**

**Problem:**

Problem Part 1

Before proceeding to the next question make some modifications to the current database:

(a). Add a column courseSem (MONSOON or SPRING) in the courses table and make it a primary key.

(b). Add the same column in faculty and student as well making it as a foreign key.

(c). Assign appropriate values to the newly created column.

Problem Part 2

Write mySQL code to:

(a). Create a STORED PROCEDURE in mySQL that takes as input the faculty name and

repeats the course for him next semester also.

(b). Create a STORED PROCEDURE that takes as input courseID, a number n and

returns name and program of nth student enroled in course identfied by courseID (use

CURSOR).

(c). Create a TRIGGER that keeps a count of the number of new entries inserted into

snustudents and keeps updating a variable @count.

(d). Create a TRIGGER that updates the change of courseID in snustudents and snufaculty

when an update to courseID is made to snucourses.

(e). Create a TRIGGER that removes instances of faculty teaching a course and students

enrolled in that course, AFTER the course is removed midway.