This assignment is for your practice only and not required to submit. If you want to, you may submit it by Wednesday, 11/16/22, and earn 5 extra credits.

Use the University database for this assignment.

**Part 1:** Use a correlated subquery to answer question Q1 to Q4:

Q1: Display students’ ID and name who owe university more than $2000.

Q2: Display student’s ID and name who are taking ISYS 464 and ISYS 350 (You may also use regular subquery to do this question).

Q3: Display students’ ID and name who are taking at least 2 course.

Q4: Display FID, Fname who have not advised any student.

**Part 2:** Create a new table and name it StudentOld from the Student table using this command:

```
Create table StudentOld as (select * from Student);
```

and insert two records into the studentOld table that are not in the Student table. Then use SQL to answer the following questions:

Q5: Find students that are in both the Student and StudentOld tables.

Q6: Find students that are in the StudentOld table and not in the Student table.

Q7: Do a Left Join of student and registration and show the result.

**Part 3:**

Q8: Follow the example on slide# 58 of the SQL AdvancedTopics to create a CTE view totalUnitsCTEView, and use it to compute tuition based on these rules and display SID, Sname, totalUnits, tuition:

- total units<=5, tuition = 500
- 5<total units<=10, tuition = 1000
- Total units>10, tuition=2000