<u>Day-3 Lab</u>

(PN: Assign minimum 1 lab.

ChatGPT exercise is mandatory)

Lab 1. For this assignment, please use the same tables created in your previous lab session.

   Task 1: Update the Student table with the following information:

   Change the email to 'jane_Smith@example.com'
   Where FirstName is 'Jane' and LastName is 'Smith';

   Update the Instructor with the following information:

   Change the email to 'rogerwhite@example.com'
   Where FirstName of the instructor is 'Roger' and LastName is 'White';

   Task 2:
   Delete record   from the Student table on following condition:

   Delete   student/students records from the Student table where last name is Smith.

   Task 3: List the student whose first name starts with J.

   Submission: Create an SQL script file containing your solutions for all tasks (queries)**.** Name the file **"lab_assignment1.sql"** Provide comments above each query to **indicate** the task number and the query's purpose.

Lab 2.Database Schema:

   Consider a simple database with one tables: Employee

   Employee Table:
   ●   Columns: emp_id (Primary Key), first_name, last_name, age, email

Task 1: Insert Data

Write an SQL INSERT statement to insert data into the Employee table.

Task 2: Retrieving Data

Write an SQL SELECT statement to retrieve the first_name and last_name of all employees from the Employee table.

Task 3: Filtering Data

Write an SQL SELECT statement to retrieve the first_name, last_name, and age of employees who are older than 30 years.

Task 4: Updating Data

Write an SQL UPDATE statement to increase the age of employees by 1 year for all employees older than 25.

Submission:

Create an SQL script file containing your solutions for all tasks (queries). Name the file **"lab_assignment2.sql"** Provide comments above each query to indicate the task number and the query's purpose.

ChatGPT Exercise

Using ChatGPT generates SQL queries to update the Employee salary.

Scenario:

Due to a pricing adjustment, the company decided to increase the salary of all employees by 10%. Create an SQL update query to apply this change selectively to employees with a specific job title, say 'Manager.'