<u>**Day4- Lab**</u>

(PN: ChatGPT exercise is mandatory)

Lab 1:   Database Schema:
    Consider a simple database with one tables: **BankAccount**

BankAccount Table:
    - Columns: account_id   (Primary   Key),   account_holder_name,
      account_balance

Task 1: Insert Data
Write an SQL INSERT statement to insert data into the **BankAccount** table.

Task 2: Retrieving Data
Write an SQL SELECT statement to retrieve the account_holder_name   and
account_balance of all account holders from the **BankAccount** table.

Task 3: Filtering Data
Write an SQL SELECT statement to retrieve the   account_holder_name   and
account_balance   where the account_balance is more than 30,000.

Task 4: Updating Data
Write an SQL UPDATE statement to change the account_balance   of the account
holder whose ID is 101.

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.

ChatGPT Exercise
Using ChatGPT generates SQL queries of the below problem .

Scenario 1: In an employee database, you want to retrieve information about
employees who belong to the "Sales" department and have a salary greater than
50,000.

Scenario 2: An employee has resigned, and you need to remove their record from the "employees" table. Write an SQL DELETE query for this.

Scenario 3: You want to delete all orders placed before '2022-01-01' that are still in the 'Pending' status. Write an SQL DELETE query for this.

Scenario 4: You want to remove all products from the "Discontinued" category as they are no longer available. Write an SQL DELETE query for this.

Scenario 5: Employees in the "Sales" department are getting a bonus, and you want to add 1000 to the bonus column for all employees in that department. Write an SQL UPDATE query for this.