

Day5- Lab

(PN: ChatGPT exercise is mandatory)

Lab 1-

Database Schema:

Use the same database scheme created in Previous Lab.

Task: Let's consider a scenario where you want to retrieve information about students from a database table named student and display the results in ascending order based on their last names.

Hint: Use orderBy clause in a ascending Order

Submission:

Create an SQL script file containing your solutions for the task. Name the file **"lab_assignment1.sql"** Provide comments above the query to indicate the query's purpose.

Lab 2-

Database Schema:

Use the same database scheme created in Previous Lab.

Task: Let's consider a scenario where you want to count the number of students based on their gender from a database table named Student.

Hint: use GroupBy clause and Count() function

Submission:

Create an SQL script file containing your solutions for the task. Name the file **"lab_assignment2.sql"** Provide comments above the query to indicate the query's purpose.

ChatGPT Exercise

Using ChatGPT generates SQL queries of the below problem .

Scenario 1:Library Books

Given a table called books with columns book_id, title, and author_id, write a query to count the number of books written by each author, ordering the results by the author's name without using a join clause.