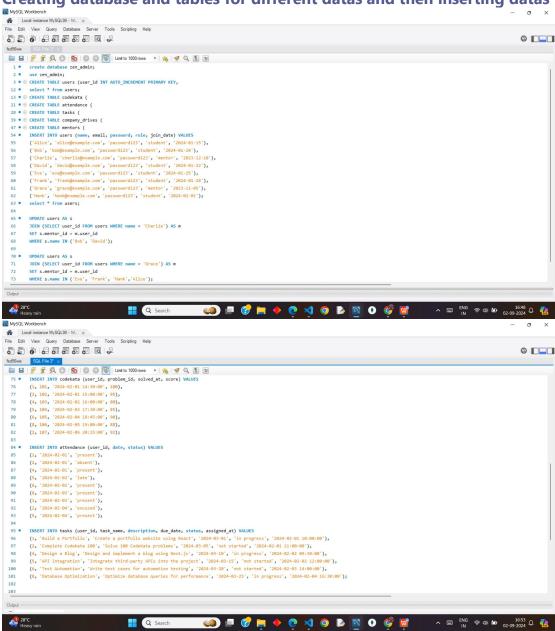
Design DB model for Guvi Zen class

Relationships:

- Users to Codekata: One-to-many relationship, as each user (student) can solve many CodeKata problems.
- Users to Attendance: One-to-many relationship, as each user has multiple attendance records.
- Users to Tasks: One-to-many relationship, as each user can be assigned multiple tasks.
- Users to Mentors: Self-referencing one-to-many relationship, as a mentor can have multiple mentees, and a student can have one mentor.
- Company Drives: This table is independent but can be linked to users if you want to track which students participated.

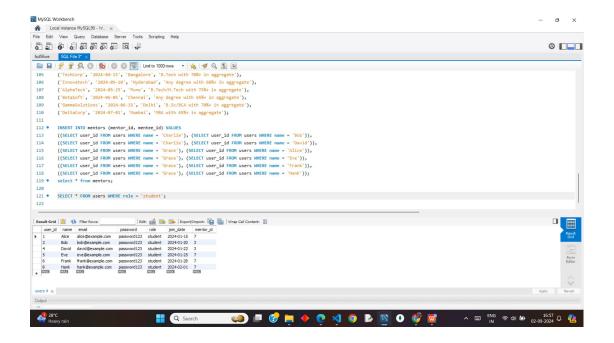
Creating database and tables for different datas and then inserting datas



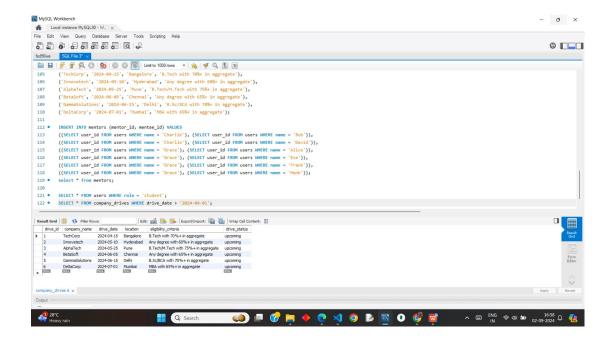
```
| Model instruction | Science | Model | Science | Model | Mode
```

Basic Queries

a. Retrieve all students' details:

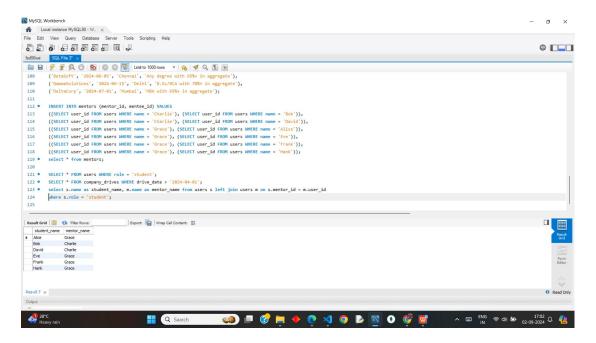


b. List all company drives happening after a certain date:

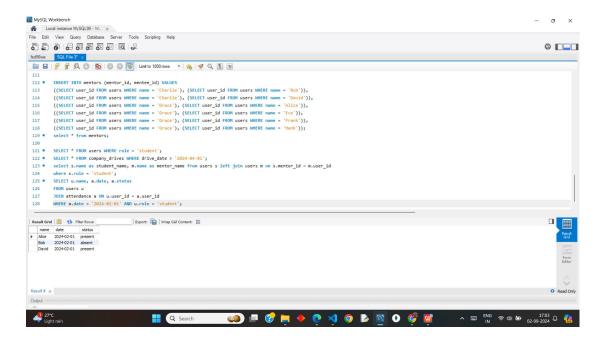


Joins

a. Retrieve all students along with their mentor's name:

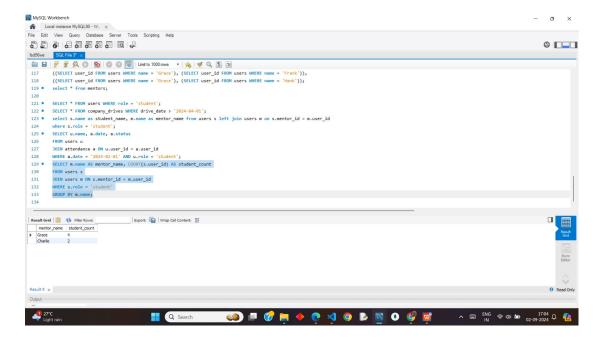


b. List students with their attendance status for a specific date:

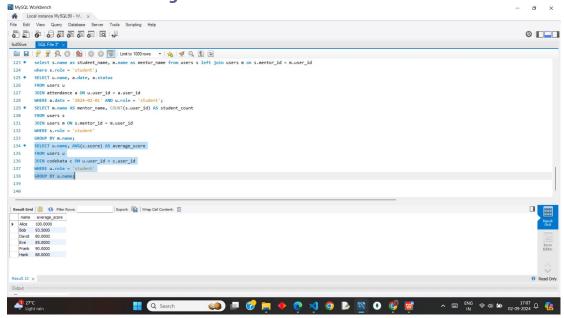


Aggregate Functions

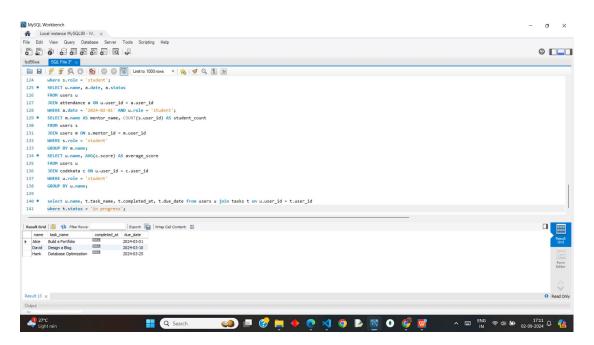
a. Count the number of students assigned to each mentor:



b. Calculate the average Codekata score for each student:

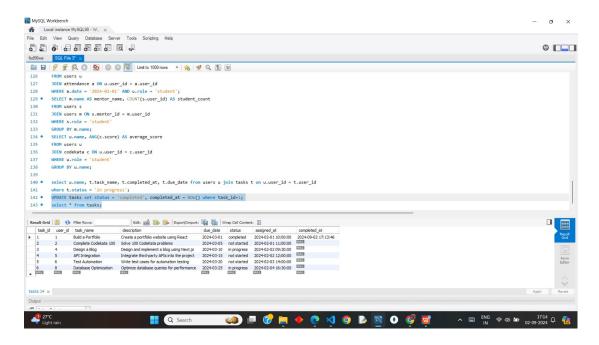


Get the details of students who have status of 'in progress' in their tasks:



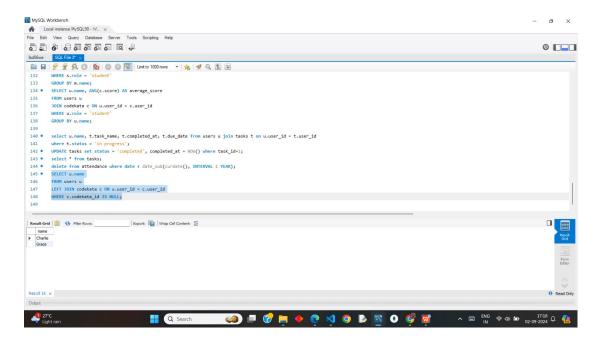
Updating and Deleting Data

a. Update the status of a task when it's completed:



Advanced Joins

a. Find data who haven't solved any Codekata problems:



b. Retrieve all students who attended a specific company drive:

