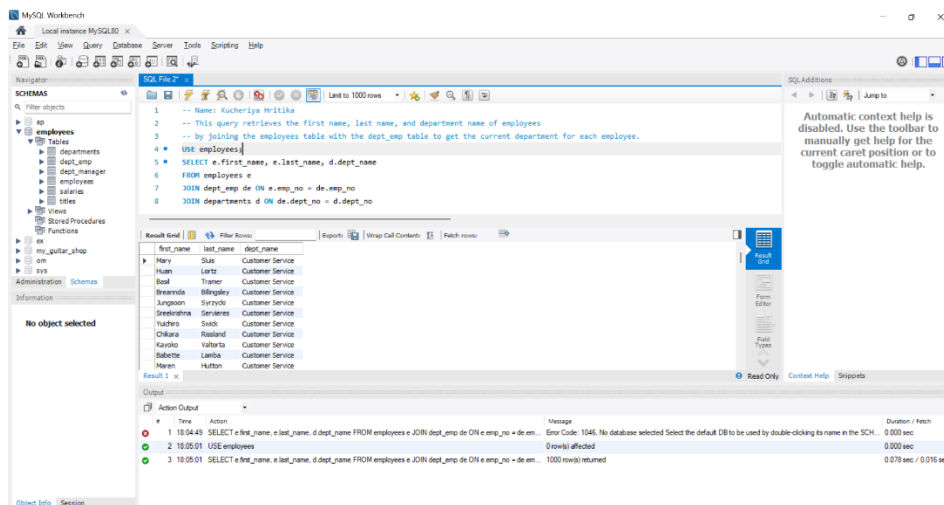


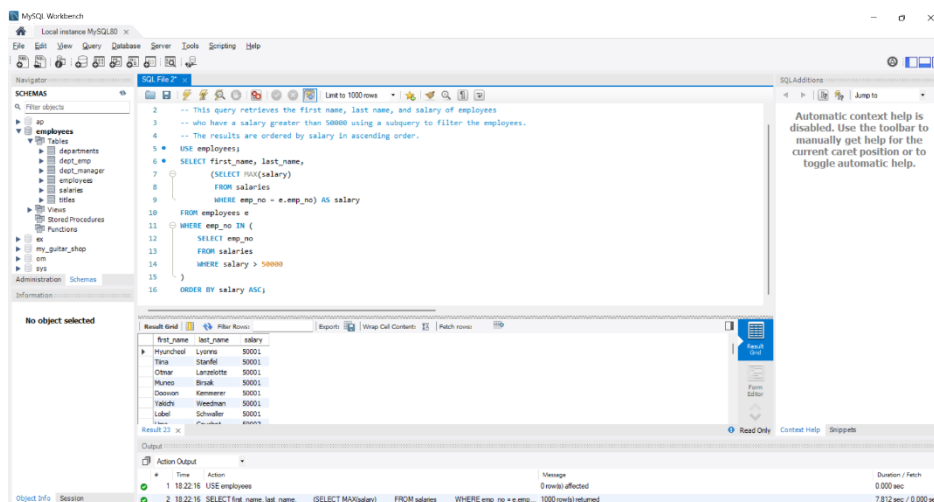
Assignment 3: Subqueries

- Using two tables of your choice, create a query using a join. Execute the query in MySQL Workbench, and get a screen shot of the query and the result set. Include an explanatory comment in your SQL window with your name and an explanation of the query and results.



The above query selects the first name and last name of employees from the employees table and the department name from the departments table. It uses a join between the employees table and the dept_emp table to link employees to their departments.

- Create the same query only use a subquery instead of a join. Execute the query in MySQL Workbench, and get a screen shot of the query. Include an explanatory comment in your SQL window with your name and an explanation of the query and results.



The above query selects the first name and last name of employees from the employees table. The subquery retrieves the maximum salary for each employee. The main query filters employees whose salary is greater than 50,000. The ORDER BY salary ASC clause sorts the results in ascending order based on the salary.