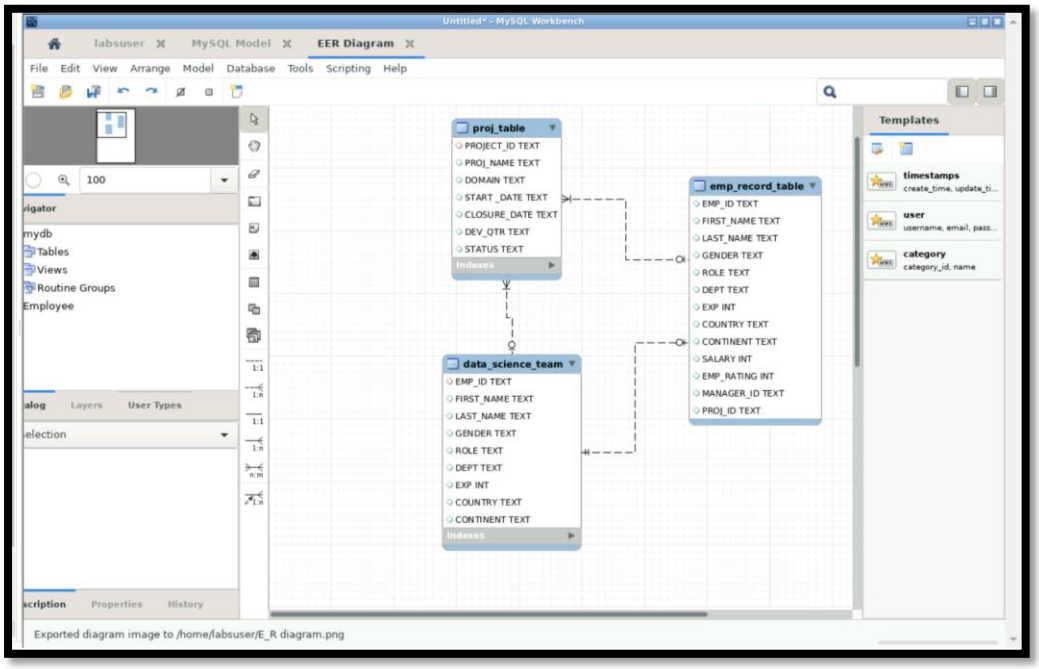
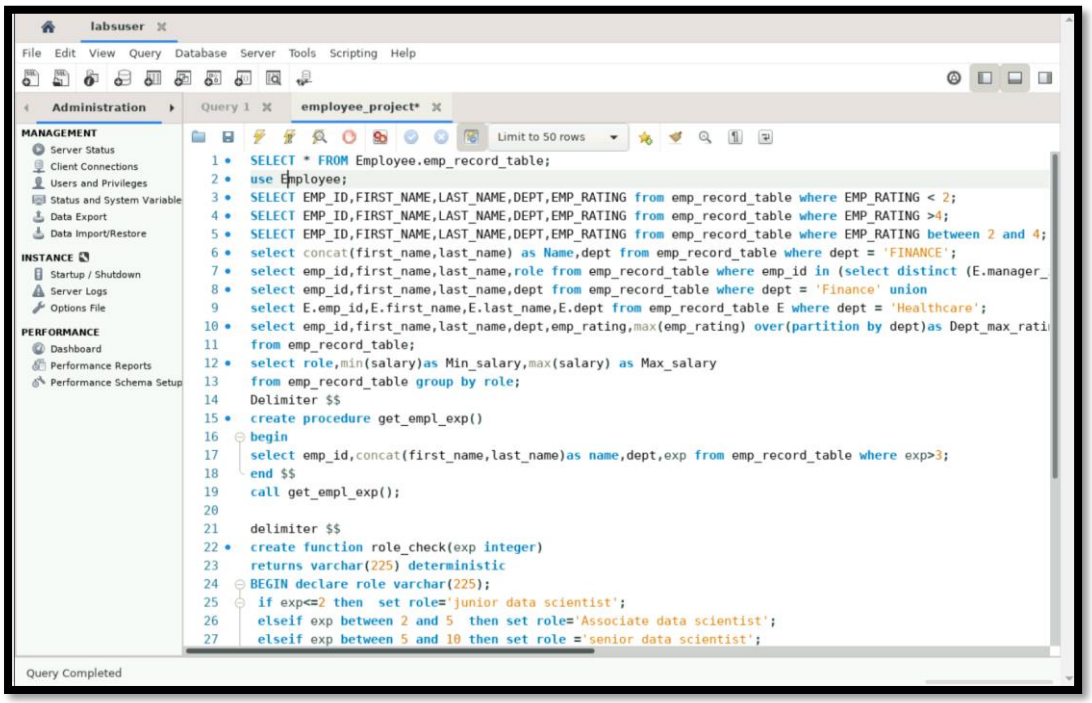
ScienceQtech Employee Performance Mapping

MySQL – Project Screen Shot

E-R DIAGRAM:

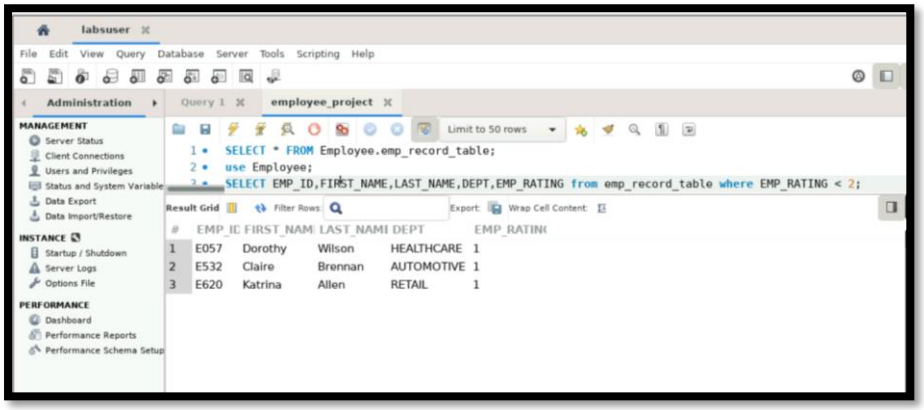


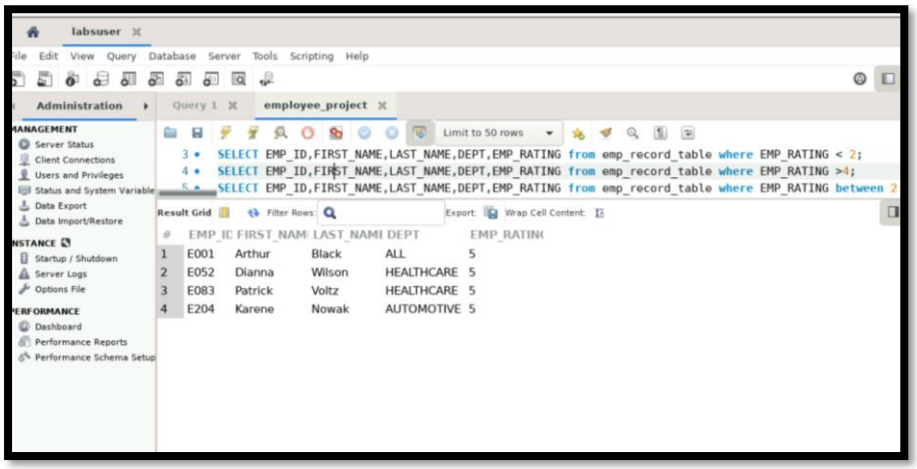
Screen shot - Query

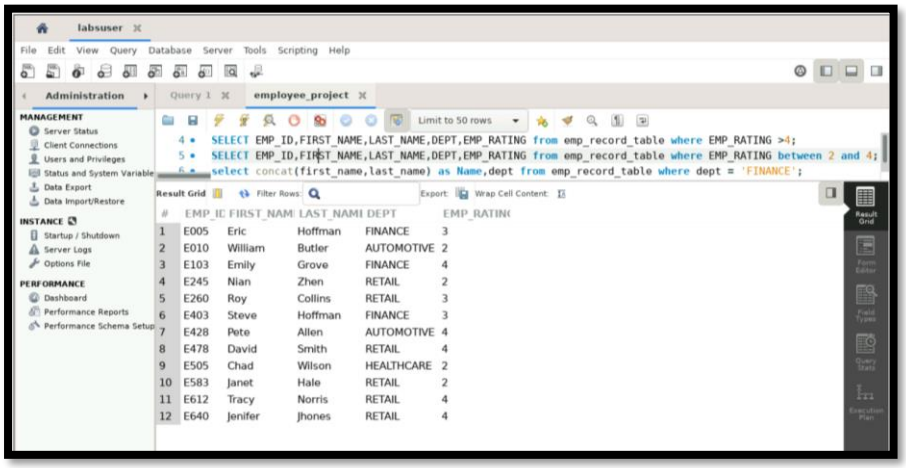


QUERY OUTPUT:

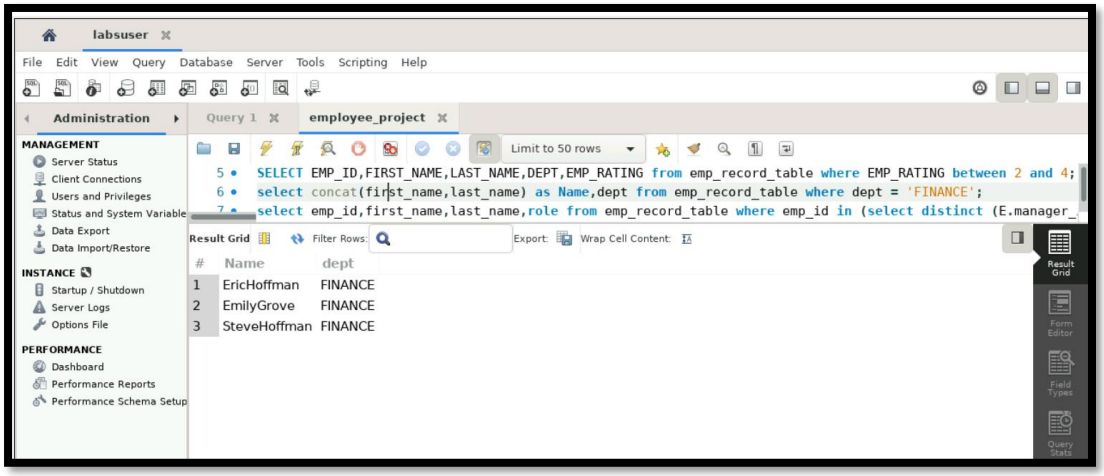
1. Write a query to fetch EMP_ID, FIRST_NAME, LAST_NAME, GENDER, DEPARTMENT, and EMP_RATING if the EMP_RATING is:
    - less than two
    - greater than four
    - between two and four



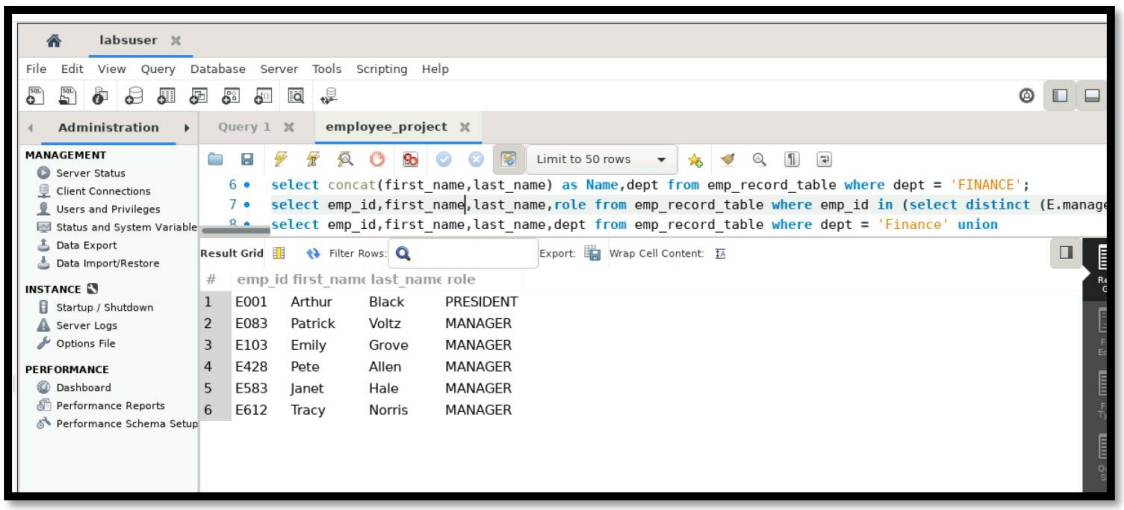




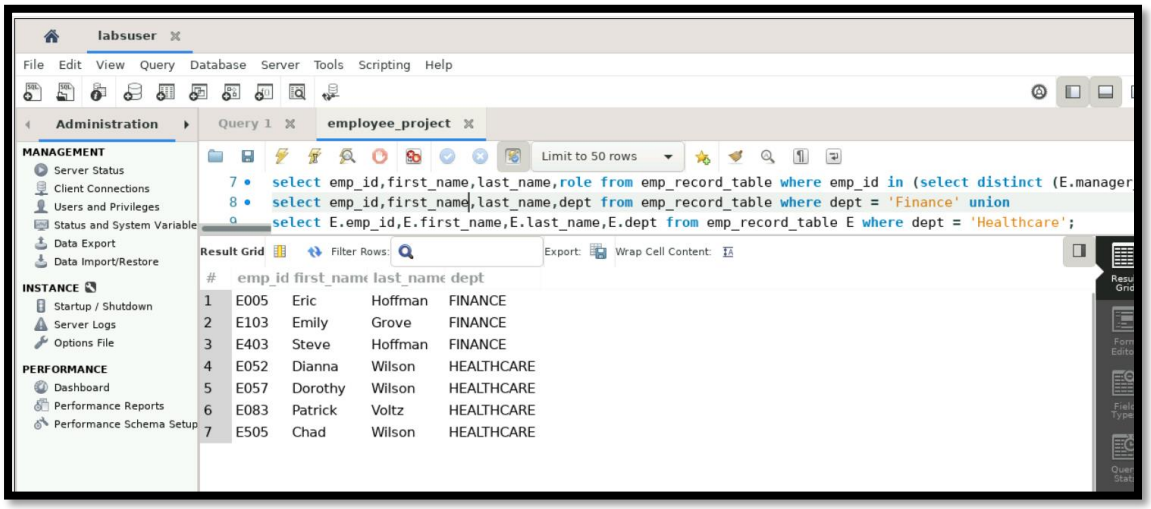
Write a query to concatenate the FIRST_NAME and the LAST_NAME of employees in the Finance department from the employee table and then give the resultant column alias as NAME.



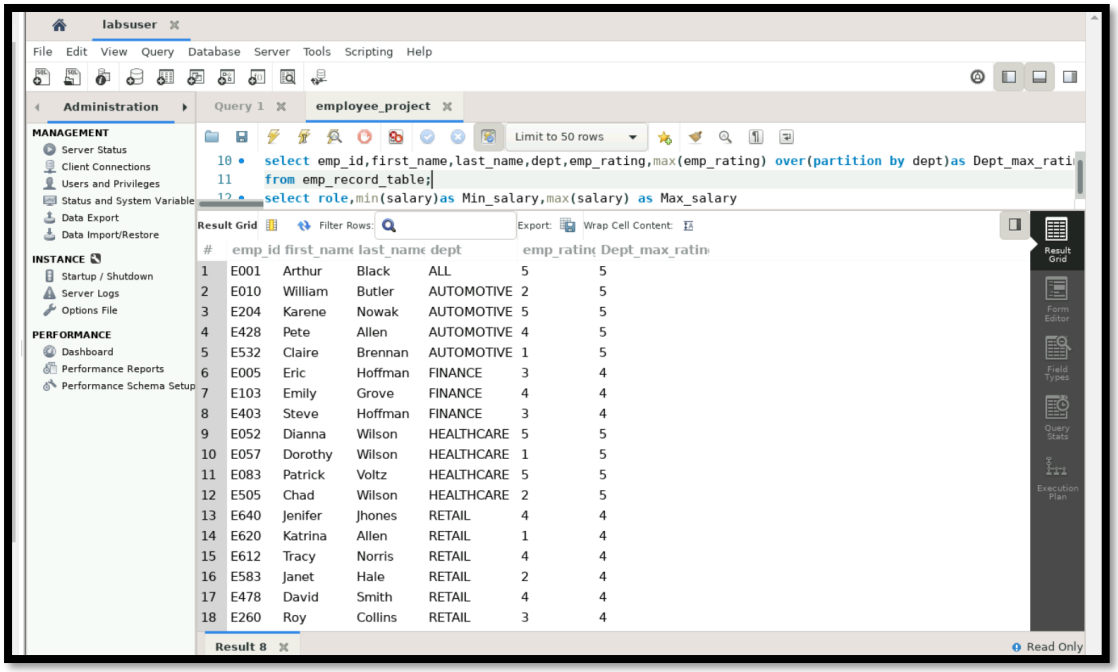
Write a query to list only those employees who have someone reporting to them. Also, show the number of reporters (including the President).



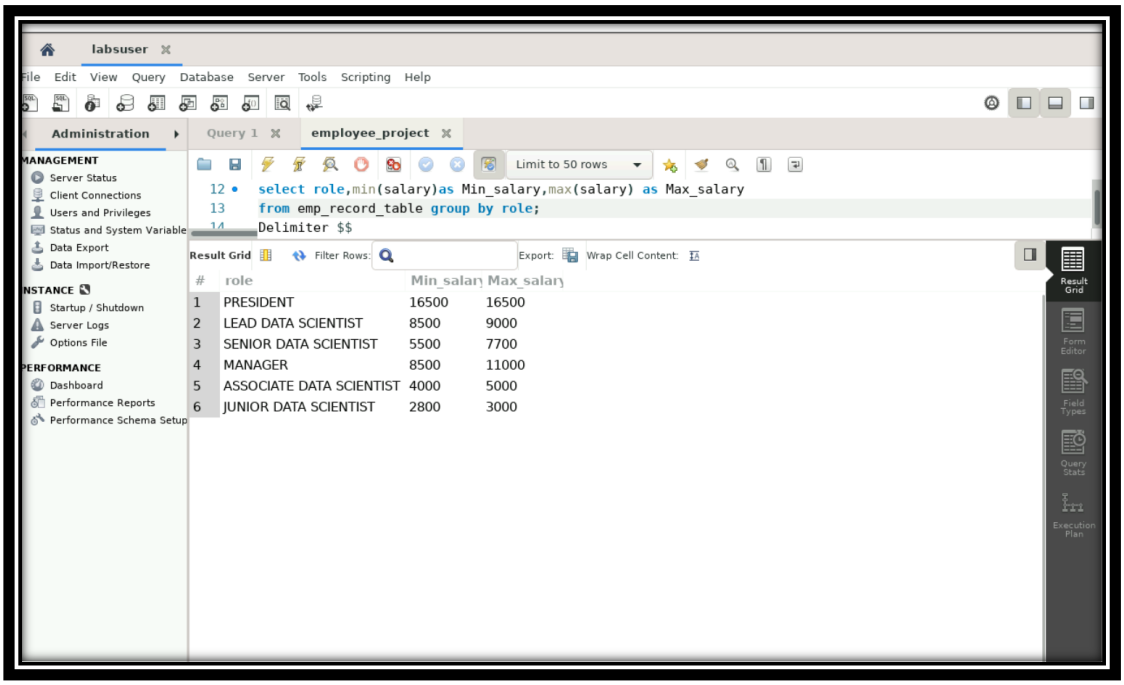
Write a query to list down all the employees from the healthcare and finance departments using union. Take data from the employee record table.



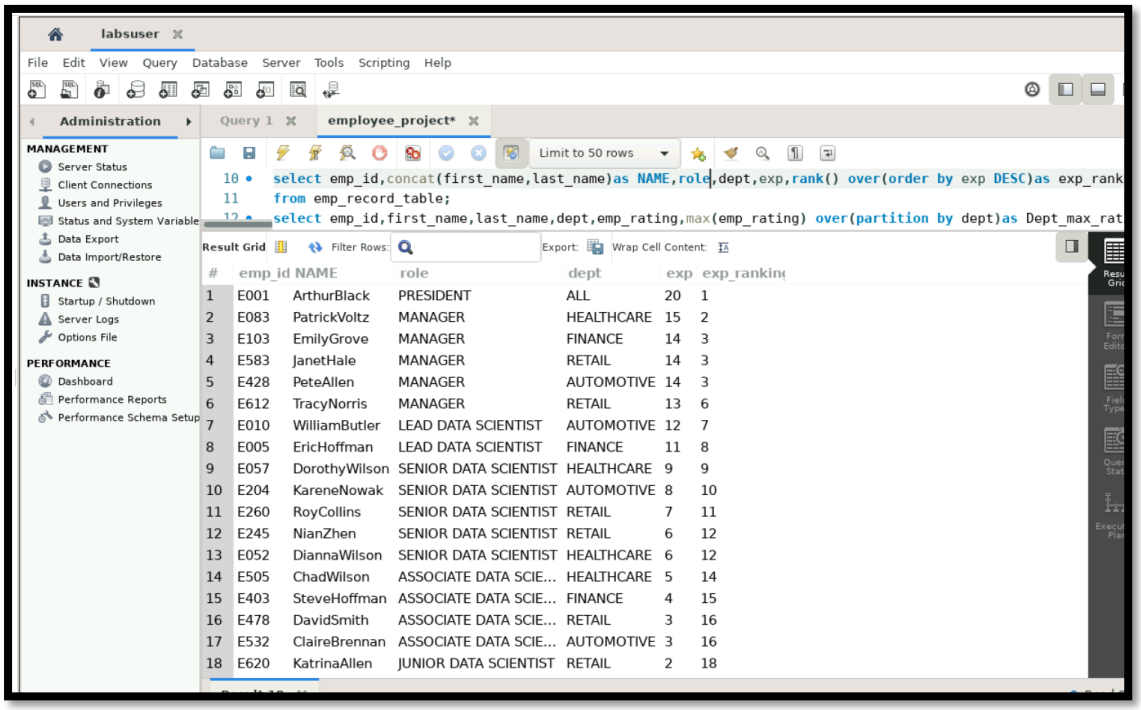
Write a query to list down employee details such as EMP_ID, FIRST_NAME, LAST_NAME, ROLE, DEPARTMENT, and EMP_RATING grouped by dept. Also include the respective employee rating along with the max emp rating for the department



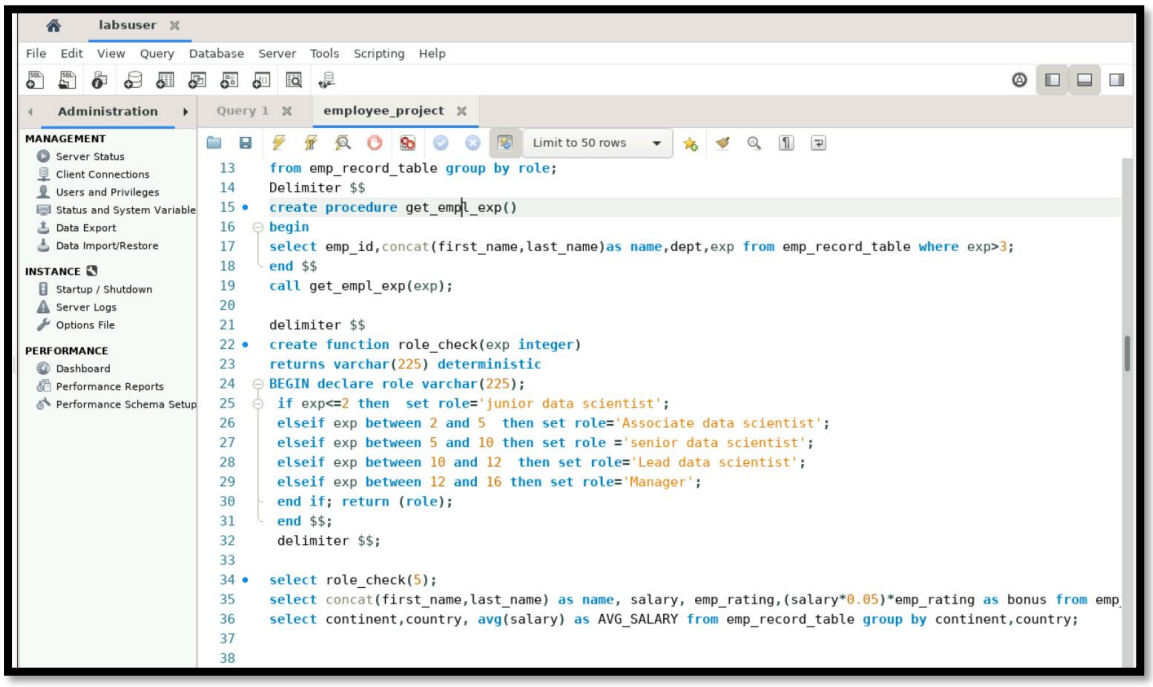
Write a query to calculate the minimum and the maximum salary of the employees in each role. Take data from the employee record table.

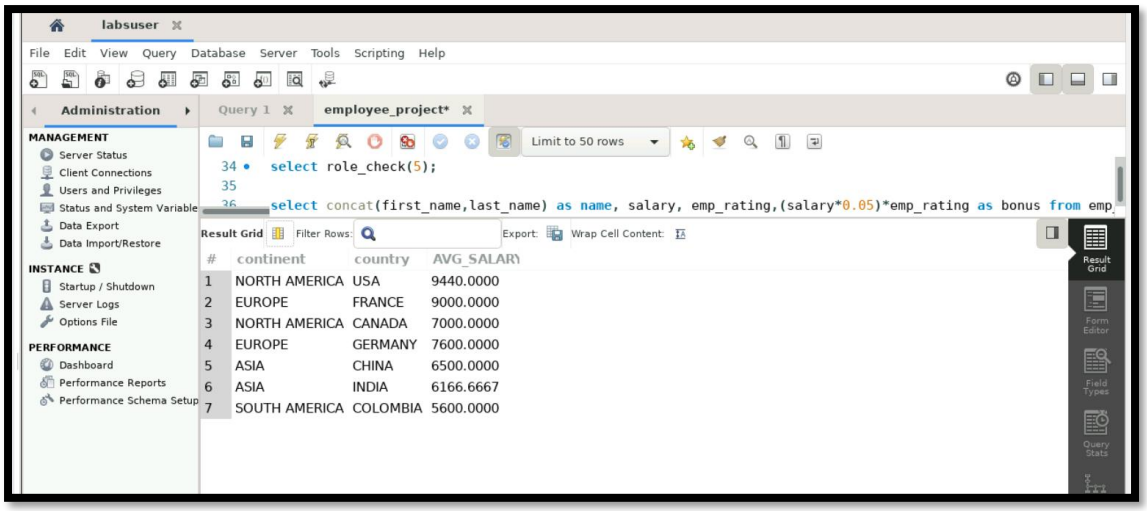


Write a query to assign ranks to each employee based on their experience. Take data from the employee record table.



1. Write a query to create a stored procedure to retrieve the details of the employees whose experience is more than three years. Take data from the employee record table
2. Write a query using stored functions in the project table to check whether the job profile assigned to each employee in the data science team matches the organization's set standard. The standard is:
    - For an employee with experience less than or equal to 2 years assign 'JUNIOR DATA SCIENTIST',
    - For an employee with the experience of 2 to 5 years assign 'ASSOCIATE DATA SCIENTIST',
    - For an employee with the experience of 5 to 10 years assign 'SENIOR DATA SCIENTIST',
    - For an employee with the experience of 10 to 12 years assign 'LEAD DATA SCIENTIST'
3. Write a query to calculate the bonus for all the employees, based on their ratings and salaries (Use the formula: 5% of salary * employee rating).
4. Write a query to calculate the average salary distribution based on the continent and country. Take data from the employee record table




labsuser
File Edit View Query Database Server Tools Scripting Help
Administration
Query 1
employee_project*
MANAGEMENT
Server Status
Client Connections
Users and Privileges
Status and System Variable
Data Export
Data Import/Restore
INSTANCE
Startup / Shutdown
Server Logs
Options File
PERFORMANCE
Dashboard
Performance Reports
Performance Schema Setup
Limit to 50 rows
34 • select role_check(5);
35
36 select concat(first_name,last_name) as name, salary, emp_rating,(salary*0.05)*emp_rating as bonus from emp
Result Grid
Filter Rows:
Export:
Wrap Cell Content:
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2 EUROPE FRANCE 9000.0000
3 NORTH AMERICA CANADA 7000.0000
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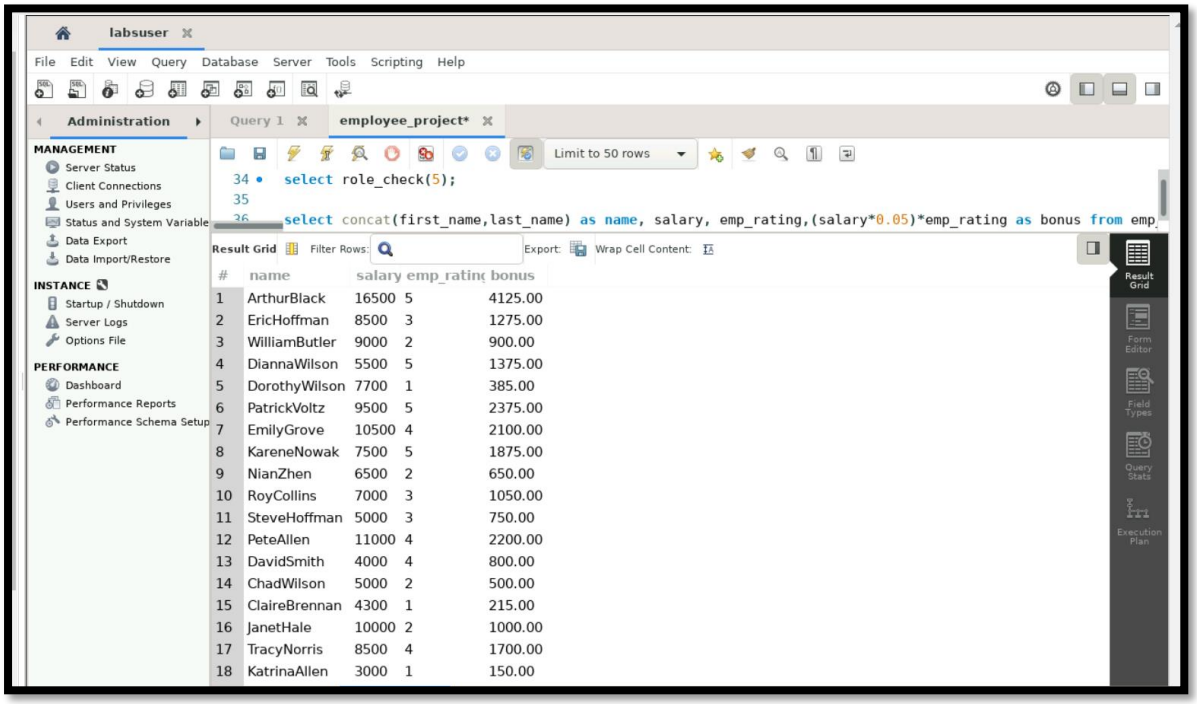
6 ASIA INDIA 6166.6667
7 SOUTH AMERICA COLOMBIA 5600.0000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Result Grid
Filter Rows:
Export:
Wrap Cell Content:
name salary emp_rating bonus
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2 EricHoffman 8500 3 1275.00
3 WilliamButler 9000 2 900.00
4 DiannaWilson 5500 5 1375.00
5 DorothyWilson 7700 1 385.00
6 PatrickVoltz 9500 5 2375.00
7 EmilyGrove 10500 4 2100.00
8 KareneNowak 7500 5 1875.00
9 NianZhen 6500 2 650.00
10 RoyCollins 7000 3 1050.00
11 SteveHoffman 5000 3 750.00
12 PeteAllen 11000 4 2200.00
13 DavidSmith 4000 4 800.00
14 ChadWilson 5000 2 500.00
15 ClaireBrennan 4300 1 215.00
16 JanetHale 10000 2 1000.00
17 TracyNorris 8500 4 1700.00
18 KatrinaAllen 3000 1 150.00