

Assignment 2, Spring 2023

Connect to an external database server with MySQL Workbench using the same settings and credentials as previous homework assignments. Once you are connected, you should use the **employees** database. Note that table names are case-sensitive.

Task 1 (20 points): Which five employees are the highest-paid employees in the company? Make sure that you pay attention to your GROUP BY clause and that your results do not include duplicate employees who have been promoted or received raises. Your results should show the following columns:

- Employee number
- First Name
- Last Name
- Highest Salary

Task 2 (20 points): Which department has the fewest employees? Your results should show the following columns:

- Department name
- Count of employees in a given department

Task 3 (20 points): Show all employees who are at the 'Senior' level. In other words, find all employees who have the word "senior" in their title(s). Your results should show the following columns:

- Employee number
- First name
- Last name
- Title

Task 4 (20 points): Which department has the highest-paid employees? Your results should show the following columns:

- Department name
- Highest maximum salary
- Highest average salary

Task 5 (20 points): What is the average salary for Senior Engineers? Your results should show the following columns:

- Title
- Average salary