

Exercises

Use HR schema: Run hr_schema.sql script to create the database and tables. Then run hr_data.sql to populate this database with data.

1. Show last names and numbers of all managers together with the number of employees that are his / her subordinates.
2. Create a report that displays the department name, location name, job title and salary of those employees who work in a specific (given) location.
3. Find the number of employees who have a last name that ends with the letter n.
4. Create a report that shows the name, location and the number of employees for each department. Make sure that report also includes departments without employees.
5. Show all employees who were hired in the first half of the month (before the 16th of the month).
6. Create a report to display the department number and lowest salary of the department with the highest average salary.
7. Create a report that displays department where no sales representatives work. Include the department number, department name and location in the output.
8. Display the department number, department name and the number of employees for the department:
 - a. with the highest number of employees.
 - b. with the lowest number of employees
 - c. that employs fewer than three employees.
9. Display years and total numbers of employees that were employed in that year.
10. Display countries and number of locations in that country.