

Solve SQL Exercises (Lab Exam)

1. Select employees first name, last name, job_id and salary whose first name starts with alphabet S

2. Write a query to select employee with the highest salary

3. Select employee with the second highest salary

The above query selects only one person with the second-highest salary. But what if there are more than 1 person with the same salary? Or, what if we want to select the 3rd or 4th highest salary? So, let's try a generic approach.

4. Fetch employees with 2nd or 3rd highest salary

5. Write a query to select employees and their corresponding managers and their salaries

Now, this is a classic example of **SELF JOIN** in SQL exercises. Also, I am using the **CONCAT** function to concatenate the first name and last name of

6. Write a query to show count of employees under each manager in descending order

7. Find the count of employees in each department

8. Get the count of employees hired year wise

9. Find the salary range of employees

10. Write a query to divide people into three groups based on their salaries

11. Select the employees whose first_name contains "an"

12. Select employee first name and the corresponding phone number in the format (_ _ _)-(_ _ _)-(_ _ _)

13. Find the employees who joined in August, 1994.

14. Write an SQL query to display employees who earn more than the average salary in that company

15. Find the maximum salary from each department.

16. Write a SQL query to display the 5 least earning employees

17. Find the employees hired in the 80s

18. Display the employees first name and the name in reverse order

19. Find the employees who joined the company after 15th of the month

20. Display the managers and the reporting employees who work in different departments