

SQL Practice Problems - LeetCode Style

1. Combine Two Tables

Concepts: JOIN

Problem Statement: Write a SQL query to combine customer and order tables to return all customers, including those who have not placed any orders.

2. Second Highest Salary

Concepts: LIMIT, ORDER BY, DISTINCT, SUBQUERY

Problem Statement: Write a SQL query to find the second highest salary from the Employee table. If no second highest salary exists, return null.

3. Employees Earning More Than Their Managers

Concepts: SELF JOIN

Problem Statement: Write a SQL query to find the names of employees who earn more than their managers.

4. Duplicate Emails

Concepts: GROUP BY, HAVING

Problem Statement: Write a SQL query to find all duplicate emails in a table named Person.

5. Customers Who Never Order

Concepts: LEFT JOIN, IS NULL

Problem Statement: Write a SQL query to find all customers who have never placed an order.

6. Rising Temperature

Concepts: DATE, JOIN, WHERE

Problem Statement: Write a SQL query to find all dates' Ids with higher temperatures compared to the previous day.

7. Department Highest Salary

Concepts: JOIN, GROUP BY, MAX()

Problem Statement: Write a SQL query to find the highest salary in each department and the

employee(s) who earn it.

8. Nth Highest Salary

Concepts: DENSE_RANK(), LIMIT, OFFSET

Problem Statement: Write a SQL query to find the Nth highest salary from the Employee table. If the Nth highest salary does not exist, return null.