



09-Feb - 2025

Week: 6

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Exercises on Strings, Joins

Note: Use the existing employee relation (Week 4). As a database designer, you can modify your database to satisfy the functional requirements

1. Write a query to display the details of employees of a particular department using the ON clause
2. List details of the employee as a virtual table excluding employee salary, hire date, and commission.
3. Update the virtual table by adding a field with Date of birth and age.
4. Display the details of employees with their department locations.
5. Display the department details with employees' head count and order by department name.
6. Display the employee details and their department locations(Using Full outer join
7. Display employee name from employee and display their department name and location (Only distinct name)
8. Display employee names from employees and their department names and location (All names).
9. Display the department ID's by combining the employee table and the department table. (Using Union).
10. Find employees whose Designation contains the word 'Professor'
11. Get the full name of employees by concatenating first name and last name.
12. Count the number of employees whose last name has more than 5 characters.
13. Find employees who have a null or empty middle name.
14. Find employees who have not been assigned to a department using a LEFT JOIN.
15. Retrieve a list of employees who have been assigned to at least one project.