

Database Technologies – Assignment 3

Note: To solve below queries use “hr” database

(HR database data is partial. For few queries you may have empty resultset).

- ✓1. Write a query to display the first_name, last_name using alias name “First Name”, “Last Name”.
- ✓2. Write a query to get the names (first_name, last_name), salary, PF of all the employees (PF is calculated as 15% of salary).
- ✓3. Write a query to select first 10 records from a employees table.
- ✓4. Write a query to display job id and job title of first 5 jobs.
- ✓5. Write a query to display location id, street address and postal code of 6 locations after first 3 locations.
- ✓6. Write a query to display job title and difference between max and min salary for that job.
- ✓7. Write a query to get unique department ID from employee table.
- ✓8. Write a query to get all employee details from the employee table order by first name, descending.
- ✓9. Write a query to get the employee ID, names (first_name, last_name), salary in ascending order of salary.
- ✓10. Display first name and join date of the employees who is either IT Programmer or Sales Man.
- ✓11. Display details of employee with ID 150 or 160.
- ✓12. Display first name, salary, commission pct, and hire date for employees with salary less than 10000.
- ✓13. Display details of jobs in the descending order of the title.
- ✓14. Display details of the employees where commission percentage is null and salary in the range 5000 to 10000 and department is 30.
- ✓15. Display employees first_name, email who are working in “Executive” department.
- ✓16. Display unique contry_id from locations table.
- ✓17. Display all employees whose have job_id IT_PROG and FI_ACCOUNT.
- ✓18. Display all countries in ascending order.

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- ✓19. Display employees where first name or last name start with S.
- ✓20. Display details of the employees where commission percentage is null and salary in the range 5000 to 10000 and department is 30.
- ✓21. Display all employees who have job_id IT_PROG and FI_ACCOUNT.

Note: To solve below queries use “spj” database

- ✓22. Display all the Part names with weight between 12 and 14 (inclusive of both).
- ✓23. Display all the Suppliers except the supplier from London.
- ✓24. Display all the suppliers with a status between 10 and 20.
- ✓25. Display PNAME and COLOR from the P table for the city London.
- ✓26. Display all the suppliers from London.
- ✓27. Display all suppliers from Paris or London.
- ✓28. Display all project in Athens.