

### 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.