**SQL Assignment**

**Download SQL Database file and read the document to add database to My SQL and then complete the project.**

**HR Database Exercises** –

1. Write a query to display the names (first\_name, last\_name) using alias name “First Name", "Last Name"

2. Write a query to get unique department ID from employee table

3. Write a query to get all employee details from the employee table order by first name, descending

4. Write a query to get the names (first\_name, last\_name), salary, PF of all the employees (PF is calculated as 15% of salary)

5. Write a query to get the employee ID, names (first\_name, last\_name), salary in ascending order of salary

6. Write a query to get the total salaries payable to employees

7. Write a query to get the maximum and minimum salary from employees table

8. Write a query to get the average salary and number of employees in the employees table

9. Write a query to get the number of employees working with the company

10. Write a query to get the number of jobs available in the employees table

11. Write a query get all first name from employees table in upper case

12. Write a query to get the first 3 characters of first name from employees table

13. Write a query to get first name from employees table after removing white spaces from both side

14. Write a query to get the length of the employee names (first\_name, last\_name) from employees table

15. Write a query to check if the first\_name fields of the employees table contains numbers

16. Write a query to display the name (first\_name, last\_name) and salary for all employees whose salary is not in the range $10,000 through $15,000

17. Write a query to display the name (first\_name, last\_name) and department ID of all employees in departments 30 or 100 in ascending order

18. Write a query to display the name (first\_name, last\_name) and salary for all employees whose salary is not in the range $10,000 through $15,000 and are in department 30 or 100

19. Write a query to display the name (first\_name, last\_name) and hire date for all employees who were hired in 1987

20. Write a query to display the first\_name of all employees who have both "b" and "c" in their first name

21. Write a query to display the last name, job, and salary for all employees whose job is that of a Programmer or a Shipping Clerk, and whose salary is not equal to $4,500, $10,000, or $15,000

22. Write a query to display the last name of employees whose names have exactly 6 characters

23. Write a query to display the last name of employees having 'e' as the third character

24. Write a query to get the job\_id and related employee's id

| Partial output of the query : job\_id | Employees ID |
| --- | --- |
| AC\_ACCOUNT | 206 |
| AC\_MGR | 205 |
| AD\_ASST | 200 |
| AD\_PRES | 100 |
| AD\_VP | 101 ,102 |
| FI\_ACCOUNT | 110 ,113 ,111 ,109 ,112 |