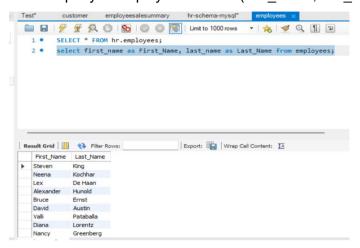
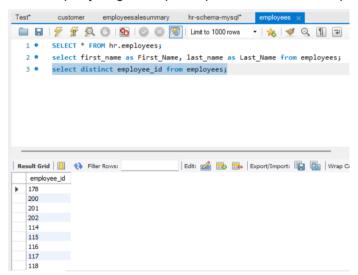
## **SQL** Assignment

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

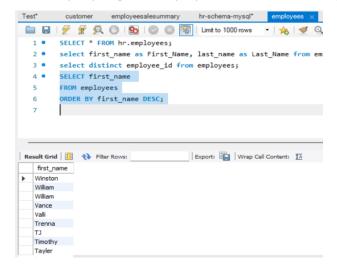
1. Write a query to display the names (first name, last name) using alias name "First Name", "Last Name"



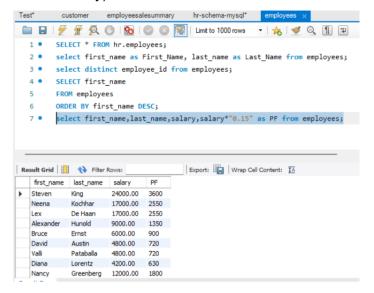
2. Write a query to get unique department ID from employee table



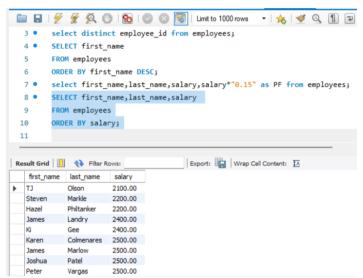
3. Write a query to get all employee details from the employee table order by first name, descending



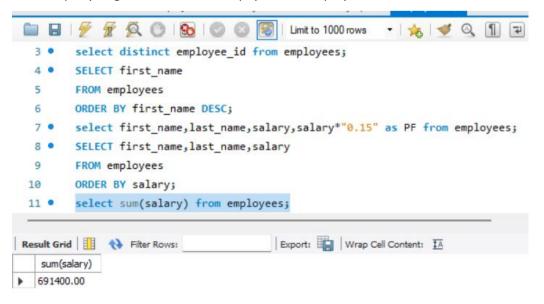
4. Write a query to get the names (first\_name, last\_name), salary, PF of all the employees (PF is calculated as 15% of salary)



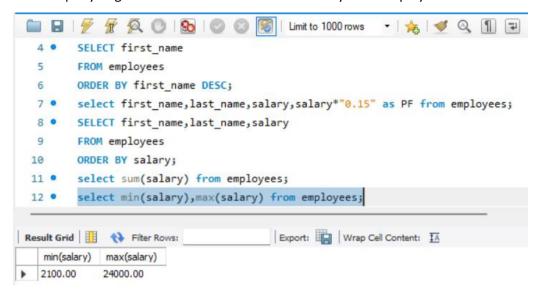
5. Write a query to get the employee ID, names (first\_name, last\_name), salary in ascending order of salary



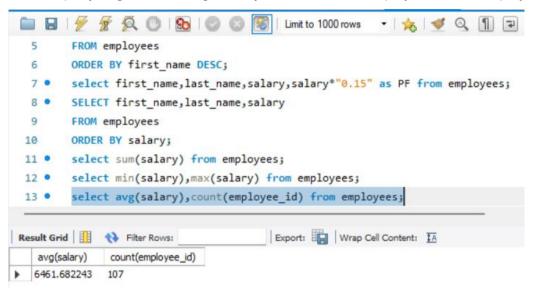
6. Write a query to get the total salaries payable to employees



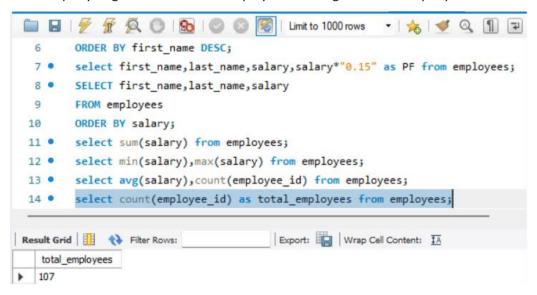
7. Write a guery to get the maximum and minimum salary from employees' table



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



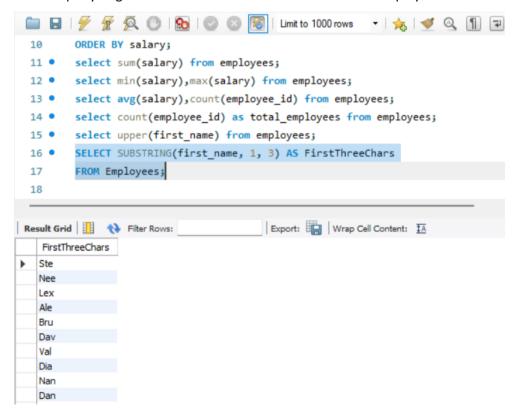
9. Write a query to get the number of employees working with the company



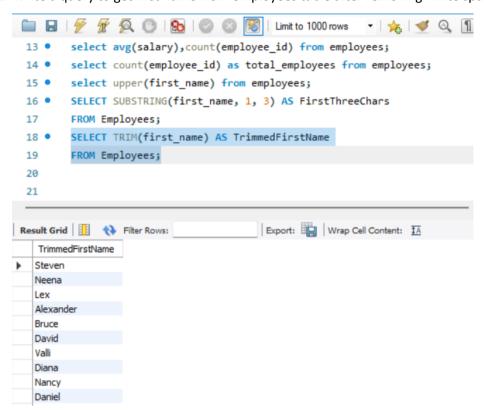
10. Write a guery get all first name from employees table in upper case.

```
select first_name,last_name,salary,salary*"0.15" as PF from employees;
  8 •
        SELECT first name, last name, salary
  9
        FROM employees
 10
        ORDER BY salary;
 11 •
        select sum(salary) from employees;
 12 •
        select min(salary),max(salary) from employees;
 13 •
        select avg(salary),count(employee_id) from employees;
 14 •
        select count(employee id) as total employees from employees;
         select upper(first name) from employees;
 15 •
                                         Export: Wrap Cell Content: TA
Result Grid Filter Rows:
  upper(first_name)
  STEVEN
  NEENA
  LEX
  ALEXANDER
  BRUCE
  DAVID
  VALLI
  DIANA
  NANCY
```

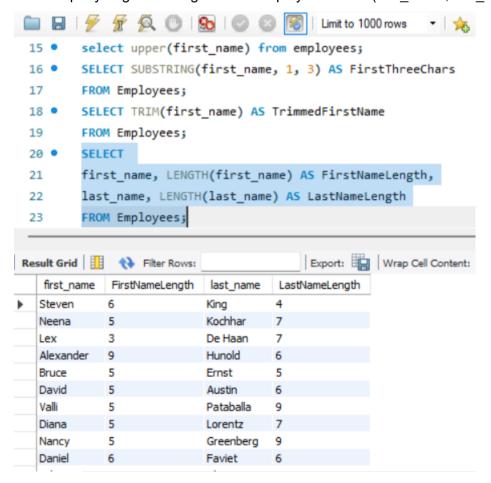
11. Write a query to get the first 3 characters of first name from employees' table.



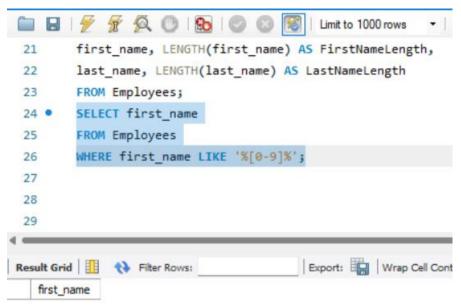
12. Write a query to get first name from employees table after removing white spaces from both side.



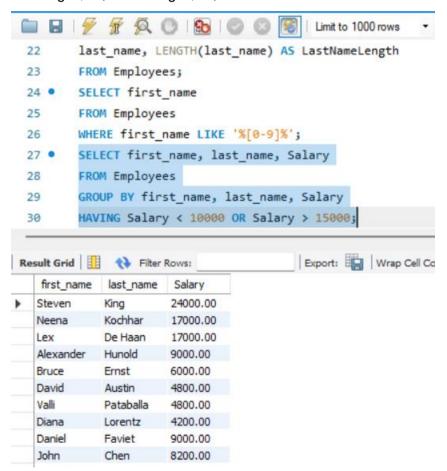
13. Write a guery to get the length of the employee names (first name, last name) from employees' table.



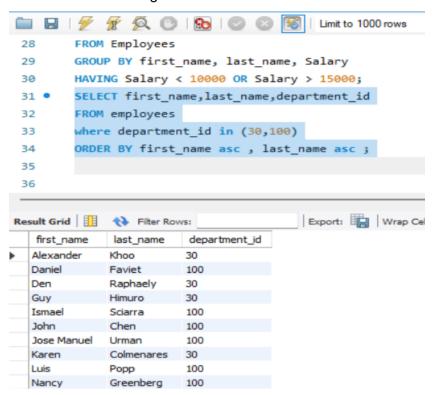
14. Write a query to check if the first\_name fields of the employees table contain numbers.



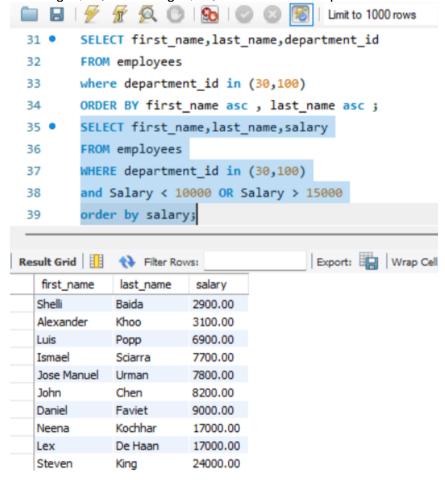
15. Write a query to display the name (first\_name, last\_name) and salary for all employees whose salary is not in the range \$10,000 through \$15,000.



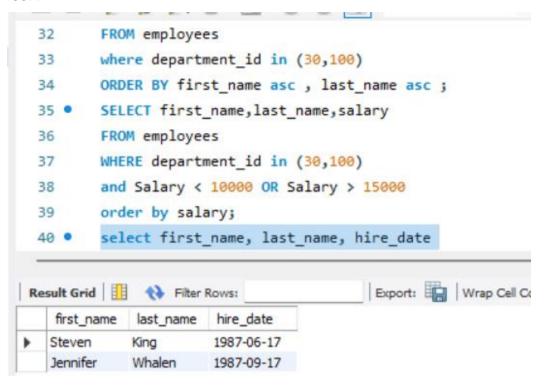
16. Write a query to display the name (first\_name, last\_name) and department ID of all employees in departments 30 or 100 in ascending order.



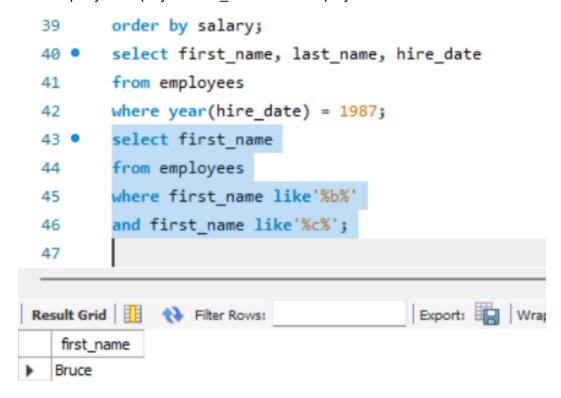
17. Write a query to display the name (first\_name, last\_name) and salary for all employees whose salary is not in the range \$10,000 through \$15,000 and are in department 30 or 100



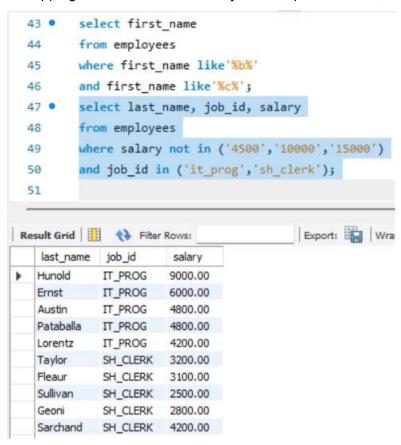
18. Write a query to display the name (first\_name, last\_name) and hire date for all employees who were hired in 1987



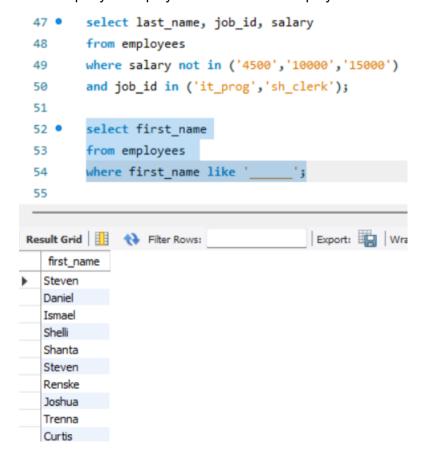
19. Write a guery to display the first name of all employees who have both "b" and "c" in their first name.



20. 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.



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



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

