Lab 10 - SUB-QUERY

Lab Task - Using the emp(employee) and dept (department) table do the following (Using Sub queries):

1. Display the employee who got the maximum salary.

2. Display the employees who are working in the Sales department.

3. Display the employees who are working in **"New York"**.

4. Find out no. of employees working in **"Sales"** department.

5. List out the employees who earn more than every employee in department 30.

6. List out the employees who earn more than the lowest salary in department 30.

7. Find out which department does not have any employees.

8. Create a correlated SQL query to find employees who earn more than the average salary of their department. Display their names and salaries.

9. Write a SQL query to retrieve the names of employees who work in the departments located in **'CHICAGO'** or **'BOSTON'.**

10. Write a correlated SQL query to find employees who do not have any subordinates.

11. Write a SQL query that inserts a new department into the **'Dept'** table and assigns a department number. Use a correlated subquery to determine the new department number based on the maximum existing department number.

12. Delete all employees from the **'emp'** table who do not work in any of the existing departments. Use a correlated subquery to achieve this.

13. Write a SQL query that increases the salary of employees by 10% for those departments where the average salary is less than 2500. Use a correlated subquery to calculate the average salary for each department.