**Derived Table:**

1. For each employee show the total no of employees hired before him/her and also show the total no of employees hired after him/her.
2. Show the maximum no of employees handled by a manager.
3. Show the minimum amount of total salary provided by a department

**Scalar Subquery with Comparison Operators (=,>,<,>=,<=,!=,<>):**

1. Find out those employee’s last name and salary who is assigned to the same job type as employee id 141
2. Find out the employee( last\_name and salary) who receives the highest salary.
3. Find out the manager details who handles minimum no of employees
4. Find out those employees who don't work in 'IT\_PROG' job type and also receive lower salary than any other employees in 'IT\_PROG' job type

**Row sub-query:**

1. Find out those employees whose is assigned to the same job type as employee id 144 and receives the same salary as employee id 144.

**Correlated subquery:**

1. Show the department names where 'IT\_PROG' job types employees work
2. Find those employees who earn the maximum salary in his department