**Database Schema :-**

**employees**

employee\_id

department\_id

boss\_id

name

salary

**departments**

department\_id

name

**Questions :-**

1. List employees (names) who have a bigger salary than their boss
2. List employees who have the biggest salary in their departments
3. List departments that have less than 3 people in it
4. List all departments along with the number of people there
5. List employees that don't have a boss in the same department
6. List all departments along with the total salary there

There are two tables employees and departments and they have those particular columns in the table.

You have to write the query of all the questions and send it back.

**Answers:**

1. SELECT employees.employee\_id, employees.name FROM employees INNER JOIN boss ON employees.boss\_id = boss.boss\_id WHERE employees.salary>boss.salary   
   (For this I have created a separate table called ‘boss’ as the salaries of boss would be required to compare with that of the employees)
2. SELECT employees.name AS 'Employee Name', departments.Name AS 'Department', employees.Salary AS 'Salary' FROM departments JOIN employees ON employees.department\_id = departments.department\_id GROUP BY departments.department\_id ORDER BY employees.salary ASC
3. SELECT departments.name AS 'Department' FROM departments JOIN employees ON employees.department\_id = departments.Department\_id GROUP BY departments.department\_id HAVING COUNT(employees.employee\_id) < 3
4. SELECT departments.name AS 'Department Name', COUNT(\*) AS 'No of Employees' FROM departments LEFT OUTER JOIN employees ON employees.department\_id = departments.department\_id GROUP BY departments.department\_id, departments.name ORDER BY departments.name
5. **I couldn’t do this question. Didn’t understand how to write the query for this. Will consult you regarding this.**
6. SELECT departments.name AS 'Deptt.', SUM(employees.salary) AS 'Total Salary' FROM departments LEFT OUTER JOIN employees ON departments.department\_id = employees.department\_id GROUP BY departments.department\_id