Set A

1. For each department, print the department name, corresponding manager's last name, and average salary earned by the employee working in that department such that the average salary is at least 5000 unit. You need to round the average salary. There will be three columns in the output: "Department", "Manager", and "Dept Salary in Avg". You are not allowed to use sub query in this question.

2. For each city, print the city name, number of departments in that city, such that, number of employee working in that department is less than 6. There will be two columns: "City", "Number of Departments". You are not allowed to apply join on more than two tables in this question. So use sub query in WHERE clause.

3. Find name and number of departments in each city ordered by name of the city. You are not allowed to use join in this question.

4. Find the employees who gets paid more than or equal to all the managers in the descending order of their salary (NULL values might create inconsistent results).

5. For each employee, finds the total number of employees those earn more salary than him/her and those earn less salary than him/her. Print employee id, last name, total employees who gets more salary than him/her, and total employees who gets less salary than him/her.