SET A:

1. For each department, print the department name, corresponding manager's last name, and the number of employee working under that manager in that department. There will be three columns in the output: "Department", "Manager", "Number Of Employee". **You are not allowed to apply join on more than two tables. So you have to use both the join clause and sub query.**

2. Print the last name of those employees who gets more salary than at least thirty other employees working under the same department. Also print their department name and number of employees who get less salary than the employee. There will be two columns: "Name", "Department". **You are not allowed to use sub query.**

3. Print the name of the cities where no department is situated.

4. Print the last name of those employees who get higher salary than the average salary of his department. Also print the difference of his salary with the average salary of his department. There will be two columns: "Name" and "Difference" where "Difference" will be rounded up. **You are not allowed to use join clause.**