**DBMS Lab**

**Week 6**

**(23/01/19)**

**Exercise on query with more than single relation:**

1: Retrieve the social security numbers of all employees who work on project number 1, 2, or 3.

2: Find the maximum salary, the minimum salary, and the average salary among all employees.

3: Find the maximum salary, the minimum salary, and the average salary among employees who work for the 'Research' department.

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4: For each department, retrieve the department number, the number of employees in the department, and their average salary.

5: For each project, retrieve the project number, project name, and the number of employees who work on that project.

6: For each project on which more than two employees work, retrieve the project number, project name, and the number of employees who work on that project.

7: Retrieves the salary which are common in department number 4 and 5. (Use set operator).

8: Make a list of all project numbers for projects that involve an employee whose lastname is "Smith", either as a worker or as a manager of the department that controls the project. (Use set operator)

9: Display all the department numbers in available in employee table and not in the department tables and vice versa. (Use set operator)