**Lab Assignments**

**Use Company according to needed tables:**

**\* Try to create the following Queries:**

1. Retrieve the names of all employees in department 10 who works more than or equal10 hours per week on "P1" project.
2. For each project, list the project name and the total hours per week (for all employees) spent on that project sorted by the project name.
3. For each department, retrieve the department name and the maximum, minimum and average salary of its employees.
4. Retrieve a list of employees and the projects they are working on ordered by department and within each department, ordered alphabetically by last name, first name.
5. Create a view that will display EmpName, ProjectName for the ‘clerk’ Employees (his job is clerk) and working Hours.
6. Create a view that will display the project name and the number of employees work on it, and display project names that have no employees work on it. Make an alias for the view's column names.
   1. Could you insert, update or delete data from that View?
   2. And generally, when you insert, update or delete data to a view, Is this data stored or deleted in/from view itself?
   3. What’s check option? And why we use it?
   4. When you drop a view, what will happen to the data inserted to it?
7. Create a view that will display project names that have no employees work on it. Make an alias for the view's column names.
8. Employees in departments located in a specific location
9. Departments with employees hired after a specific date
10. Employees Of Department That Contain most paid Employee