**U**se Company**SD**

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

1. Display the name of the departments and the name of the projects under its control.
2. Display the full data about all the dependence associated with the name of the employee they depend on him/her.
3. Display the Id, name and location of the projects in Cairo or Alex city.
4. display all the employees in department 30 whose salary from 1000 to 2000 LE monthly
5. Retrieve the names of all employees in department 10 who works more than or equal10 hours per week on "AL Rabwah" project.
6. Find the names of the employees who directly supervised with Kamel Mohamed.
7. Retrieve the names of all employees and the names of the projects they are working on, sorted by the project name.
8. For each project located in Cairo City , find the project number, the controlling department name ,the department manager last name ,address and birthdate.
9. Display All Data of the mangers
10. Display All Employees data and the data of their dependents even if they have no dependents
11. For each project, list the project name and the total hours per week (for all employees) spent on that project.
12. Display the data of the department which has the smallest employee ID over all employees' ID.
13. For each department, retrieve the department name and the maximum, minimum and average salary of its employees.
14. For each department-- if its average salary is less than the average salary of all employees-- display its number, name and number of its employees.

(bonus)

1. Try to get the max 2 salaries
2. Find Highest two projects in working hours For each department

**Use ITI**

1. Find total grade for student  in each department
2. Find Highest Instructor Salary for each Instructor Degree