**Part 01**

* **Restore MyCompany Database and then:**

1. **Try to create the following Queries:**
2. Display all the employees Data.
3. Display the employee First name, last name, Salary and Department number.
4. Display all the projects names, locations and the department which is responsible for it.
5. If you know that the company policy is to pay an annual commission for each employee with specific percent equals 10% of his/her annual salary .Display each employee full name and his annual commission in an ANNUAL COMM column (alias).
6. Display the employees Id, name who earns more than 1000 LE monthly.
7. Display the employees Id, name who earns more than 10000 LE annually.
8. Display the names and salaries of the female employees
9. Display each department id, name which is managed by a manager with id equals 968574.
10. Display the ids, names and locations of the projects which are controlled with department 10.

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**Part 02**

* **Restore ITI Database and then:**

1. Get all instructors Names without repetition
2. Display instructor Name and Department Name

Note: display all the instructors if they are attached to a department or not

1. Display student full name and the name of the course he is taking

For only courses which have a grade

**Bouns**

Display results of the following two statements and explain what is the meaning of @@AnyExpression

select @@VERSION

select @@SERVERNAME

**Part 03**

* **Using MyCompany Database and try to create the following Queries:**

1. Display the Department id, name and id and the name of its manager.
2. Display the name of the departments and the name of the projects under its control.
3. Display the full data about all the dependence associated with the name of the employee they depend on .
4. Display the Id, name and location of the projects in Cairo or Alex city.
5. Display the Projects full data of the projects with a name starting with **"a"** letter.
6. display all the employees in department 30 whose salary from 1000 to 2000 LE monthly
7. Retrieve the names of all employees in department 10 who work more than or equal 10 hours per week on the "AL Rabwah" project.
8. Find the names of the employees who were directly supervised by Kamel Mohamed.
9. Retrieve the names of all employees and the names of the projects they are working on, sorted by the project name.
10. For each project located in Cairo City , find the project number, the controlling department name ,the department manager last name ,address and birthdate.
11. Display All Data of the managers
12. Display All Employees data and the data of their dependents even if they have no dependents.

**Part 04**

* **Using ITI Database and try to create the following Queries:**

1.Select Supervisor first name and the count of students who supervises on them

1. Display number of courses for each topic name
2. Display max and min salary for instructors
3. Display instructors who have salaries less than the average salary of all instructors.
4. Display the Department name that contains the instructor who receives the minimum salary.
5. Select max two salaries in the instructor table.
6. Select Average Salary for instructors