

Part 01

1) From The Previous Assignment insert at least 2 rows per table.

2) Data Manipulation Language:

- 1.Insert your personal data to the student table as a new Student in department number 30.
 - 2.Insert Instructor with personal data of your friend as new Instructor in department number 30, Salary= 4000, but don't enter any value for bonus.
 - 3.Upgrade Instructor salary by 20 % of its last value.
-

Part 02

➤ Restore MyCompany Database and then:

1. Try to create the following Queries:

1. Display all the employees Data.
2. Display the employee First name, last name, Salary and Department number.
3. Display all the projects names, locations and the department which is responsible for it.
4. 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).
5. Display the employees Id, name who earns more than 1000 LE monthly.
6. Display the employees Id, name who earns more than 10000 LE annually.
7. Display the names and salaries of the female employees
8. Display each department id, name which is managed by a manager with id equals 968574.
9. Display the ids, names and locations of the projects which are controlled with department 10.

=====

Part 03

➤ **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
3. 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 04

➤ **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. Retrieve the names of all employees and the names of the projects they are working on, sorted by the project name.
9. For each project located in Cairo City , find the project number, the controlling department name ,the department manager last name ,address and birthdate.