Day 31

DIY

Scenario: Create a database named "Sample". Connect to the database and perform the following tasks.

1. Create a table named **department** with 3 attributes/columns:
   - dept_no – It represents the unique number of each department.
   - dept_name – Name of each department
   - location – The location of the corresponding department.

2. Create a table named **employee** with 4 attributes/columns:
   - emp_no – The unique number of each employee
   - emp_fname – First name of each employee.
   - emp_lname – Last name of each employee.
   - dept_no – The number of the department to which the employee belongs.

3. Create a table named **project** with 3 attributes/columns:
   - project_no – The unique number of each project
   - project_name – The name of each project.
   - budget – The budget of each project.

4. Create a table named as **works_on** with 4 attributes/columns:
   - emp_no –Specifies the employee number.
   - project_no – Specifies the number of the project on which the employee works.
   - job – Specifies the task of an employee.
   - enter_date – The starting date of an employee in the corresponding project.

5. Insert the values in all the respective tables.
   For your reference, the database 'Sample' file has been attached.

Sample.bak

Now perform the following queries

6. Get all rows of the works_on table.

7. Get the employee numbers for all clerks.
8. Get the employee numbers for employees working on project p2 and having employee numbers lower than 10005.
9. Get the employee numbers for employees who didn't enter their project in 2017.
10. Get the employee numbers for all employees who have a leading job (i.e., Analyst or Manager) in project p1.

11. Get the enter dates for all employees in project p2 whose jobs have not been determined yet.
12. Get the employee numbers and last names of all employees whose first names contain two letter t's.
13. Find the employee numbers of all employees whose department is located in Delhi.
14. Group all departments using their locations.
15. Get the jobs that are done by more than two employees.