

(CL2005) Database Systems Lab

SUB-QUERY

Run the script employees.sql (provided), you will get the database of an organization with the following three tables about emp, dept, and sal_grade:

Dept (<u>deptno</u> : integer, dname: string, location: string)
Emp (<u>empno</u> : integer, ename: string, job: string, mgr (employee's manager id): integer, hiredate: date, salary: integer, commission: integer, deptno: integer)
Sal_grade (grade: integer, losal (low salary): integer, hisal (high salary): integer)

- Attributes belonging to the primary key of a table are underlined.

Using the emp (employee) and dept (department) table do the following (Using Sub queries):

1. Display the employee who got the maximum salary.
2. Display the employees who are working in Sales department.
3. Display the employees who are working in "New York".
4. Find out no. of employees working in "Sales" department.
5. List out the employees who earn more than every employee in department 30.
6. List out the employees who earn more than the lowest salary in department 30.
7. Find out whose department has not employees.
8. Find out the employees who earn greater than the average salary for their department (Co- Related Sub Query).