



DBMS Lab

Lab Assignments

Displaying data from multiple tables (using JOIN) + set operations

1. The HR department needs a list of department IDs for departments that do not contain the job ID ST_CLERK. Use set operators to create this report.
2. Display the country ID and the name of the countries. Use set operators to create this report.
3. Produce a list of jobs for departments 10, 50, and 20, in that order. Display the job ID and department ID using set operators.
4. Display the employee name and department name for all employees who have an 'a' (lowercase) in their last names.
5. Write a query to display the employee name, department name, location id and city of employees who earn a commission.
6. Display the employee name and employee number along with their manager's name and manager number. Label the columns employee, emp#, manager, and mgr# resp.
7. Modify the above query to display all employees including king who has no manager. Order the results by the employee number.
8. Create a query that displays employee name, department numbers and all the employees who work in the same department as the given employee. Give each column an appropriate label.
9. Create a query to display the name and hire date of any employee hired after employee Davies.
10. Display the names and hiredate for all employees who were hired before their managers, along with their manager's names and hire dates. (Hint: Use self join)
11. Write a query to display the last name, department number, and department name for all employees.
12. Create a unique listing of all jobs that are in department 80. Include the location of the department in the output.
13. Write a query to display the last name, job, department number, and department name for all employees who work in Toronto.

14. Write a query to display each department's name, location, number of employees and the average salary for all employees in that department for those departments where the average salary is greater than or equal to 10000. Label the columns. Department's Name, Department's Location, Number of People and salary, respectively.

Emp:

Name	Null?	Type
EMPNO	NOT NULL	NUMBER(4)
ENAME		VARCHAR2(10)
JOB		VARCHAR2(9)
MGR		NUMBER(4)
HIREDATE		DATE
SAL		NUMBER(7,2)
COMM		NUMBER(7,2)
DEPTNO		NUMBER(2)

Location:

Name	Null?	Type
Dloc_id		Number(4)
City		Varchar2(14)

Deprtments:

Name	Null?	Type
Deptno		Number(2)
Dname		Varchar2(14)
Dloc_id		Number(4)