

DBMS

JOIN ASSIGNMENT

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5th Sem CSE

1) Display all employee name and their department name, in department name order.

→ SELECT ENAME, DNAME from emp inner join dept d on emp.DEPTNO = d.DEPTNO order by d.DNAME;

Result Grid Filter Rows: Exports: Wrap Cell Contents: 15

ENAME	DNAME
clark	accounting
king	accounting
miller	accounting
smith	research
jones	research
scott	research
adams	research
ford	research
allen	sales
ward	sales
martin	sales
blake	sales
turner	sales
james	sales

2) Display all employee names, department number and name.

→ SELECT ENAME, emp.DEPTNO, DNAME from emp inner join dept d on emp.DEPTNO = d.DEPTNO;

Result Grid Filter Rows: Exports: Wrap Cell Contents: 15

ENAME	DEPTNO	DNAME
clark	10	accounting
king	10	accounting
miller	10	accounting
smith	20	research
jones	20	research
scott	20	research
adams	20	research
ford	20	research
allen	30	sales
ward	30	sales
martin	30	sales
blake	30	sales
turner	30	sales
james	30	sales

3) Display the name, location and department of employees whose salary is more than 1500 a month.

→ SELECT ENAME, LOC, DNAME from emp inner join dept d on emp.DEPTNO = d.DEPTNO where SAL > 1500;

Result Grid Filter Rows: Exports: Wrap Cell Contents: 15

ENAME	LOC	DNAME
allen	chicago	sales
jones	dallas	research
blake	chicago	sales
clark	new york	accounting
scott	dallas	research
king	new york	accounting
ford	dallas	research

4) Produce a list showing employees salary per year.

→ `SELECT SAL*12 from emp;`

SAL*12
9600
19200
15000
35700
15000
34200
29400
36000
60000
18000
13200
11400
36000
15600

5) Show all employees in dallas.

→ `SELECT ENAME from emp inner join dept d on emp.DEPTNO = d.DEPTNO where d.LOC = 'dallas';`

ENAME
smith
jones
scott
adams
ford

6) List the employee name, job, salary and department name for everyone in the company except clerks. Sort on salary, displaying the highest salary first.

→ `SELECT ENAME, JOB, SAL, DNAME from emp inner join dept d on emp.DEPTNO = d.DEPTNO where JOB not like 'clerk' order by SAL desc;`

ENAME	JOB	SAL	DNAME
king	president	5000	accounting
scott	analyst	3000	research
ford	analyst	3000	research
jones	manager	2975	research
blake	manager	2850	sales
clark	manager	2450	accounting
allen	salesman	1600	sales
turner	salesman	1500	sales
ward	salesman	1250	sales
martin	salesman	1250	sales

7) Display the department that has no employees.

→ `SELECT DNAME from dept where DNAME not in (select DNAME from dept inner join emp e on dept.DEPTNO = e.DEPTNO group by DNAME);`

DNAME
operations

8) list all employees by name, department name, location along with their manager ID.

→ SELECT ENAME, DNAME, LOC, MGR from emp inner join dept d on emp.DEPTNO = d.DEPTNO;

Result Grid Filter Rows: Export: Wrap Cell Contents

	ENAME	DNAME	LOC	MGR
▶	smith	research	dallas	7902
	allen	sales	chicago	7698
	ward	sales	chicago	7698
	jones	research	dallas	7839
	martin	sales	chicago	7698
	blake	sales	chicago	7839
	clark	accounting	new york	7839
	scott	research	dallas	7566
	king	accounting	new york	7566
	turner	sales	chicago	7698
	adams	research	dallas	7788
	james	sales	chicago	7698
	ford	research	dallas	7566
	miller	accounting	new york	7782