Joining

1. Display all the managers & clerks name, id along with their department details who work in Accounts and Marketing departments.

ANS:

SELECT EMP.ENAME,EMP.EMPNO,DEPT.DNAME

FROM EMP,DEPT

WHERE EMP.DEPTNO=DEPT.DEPTNO AND DEPT.DNAME IN ('ACCOUNTING','SALES') AND EMP.JOB IN ('CLERK','MANAGER')

1. Display all the salesmen’s name,job,dname and loc who are not located at DALLAS.

ANS:

SELECT EMP.ENAME,EMP.JOB,DEPT.DNAME,DEPT.LOC

FROM EMP,DEPT

WHERE EMP.DEPTNO=DEPT.DEPTNO AND EMP.JOB='SALESMAN' AND DEPT.DEPTNO IN( SELECT DEPT.DEPTNO FROM DEPT WHERE DEPT.LOC!='DALLAS')

1. Select department name & location of all the employees working for CLARK.

ANS:

SELECT DNAME,LOC

FROM DEPT

WHERE DEPTNO IN (SELECT DEPTNO FROM EMP WHERE MGR IN (SELECT EMPNO FROM EMP WHERE ENAME = 'CLARK'))

1. Select all the employees who work in DALLAS.

ANS:

SELECT EMP.ENAME

FROM EMP,DEPT

WHERE EMP.DEPTNO=DEPT.DEPTNO AND DEPT.LOC=('DALLAS')

1. Find the highest paid employee of sales department. (Show his empno,ename,dname,sal,loc).

ANS:

SELECT EMP.ENAME,EMP.EMPNO,DEPT.DNAME,EMP.SAL,DEPT.LOC

FROM EMP,DEPT

WHERE EMP.DEPTNO=DEPT.DEPTNO AND EMP.SAL IN (SELECT MAX(SAL) FROM EMP,DEPT WHERE EMP.DEPTNO=DEPT.DEPTNO AND DEPT.DNAME='SALES')

1. List the emps with departmental information Whose Jobs are same as MILLER or Sal is more than ALLEN .

ANS:

SELECT EMP.ENAME,DEPT.\*

FROM EMP,DEPT

WHERE EMP.DEPTNO=DEPT.DEPTNO AND EMP.DEPTNO IN ( SELECT DEPTNO FROM EMP WHERE ENAME='MILLER') OR EMP.DEPTNO IN (SELECT DEPTNO FROM EMP WHERE SAL>(SELECT SAL FROM EMP WHERE ENAME='ALLEN'))

1. Find out the employees who are working in CHICAGO and DALLAS.

ANS:

SELECT EMP.ENAME

FROM EMP,DEPT

WHERE EMP.DEPTNO=DEPT.DEPTNO AND DEPT.LOC IN ('CHICAGO') AND DEPT.LOC IN ('DALLAS')

1. List all the Grade2 and Grade 3 emps.

ANS:

SELECT EMP.\*

FROM EMP,SALGRADE

WHERE SAL IN ( SELECT SAL FROM EMP WHERE SAL BETWEEN SALGRADE.LOSAL AND SALGRADE.HISAL AND SALGRADE.GRADE IN (2,3))

1. Display all Grade 4,5 Analyst and Manager.

ANS:

SELECT EMP.\*

FROM EMP,SALGRADE

WHERE SAL IN (SELECT SAL FROM EMP WHERE SAL BETWEEN SALGRADE.LOSAL AND SALGRADE.HISAL AND SALGRADE.GRADE IN (4,5)) AND EMP.JOB IN ('ANALYST','MANAGER')

1. List all the Grade2 and Grade 3 emps who belong from the Chicago.

ANS:

SELECT EMP.ENAME

FROM EMP,DEPT,SALGRADE

WHERE EMP.DEPTNO=DEPT.DEPTNO AND SAL IN (SELECT SAL FROM EMP WHERE SAL BETWEEN SALGRADE.LOSAL AND SALGRADE.HISAL AND SALGRADE.GRADE IN (2,3)) AND DEPT.LOC IN ('CHICAGO')

1. Find the highest paid employee of sales department. (Show his empno,ename,dname,sal,loc).

ANS:

SELECT EMP.EMPNO,EMP.ENAME,DEPT.DNAME,EMP.SAL,DEPT.LOC

FROM EMP,DEPT

WHERE EMP.DEPTNO=DEPT.DEPTNO AND EMP.SAL IN (SELECT MAX(SAL) FROM EMP,DEPT WHERE EMP.DEPTNO=DEPT.DEPTNO AND DEPT.DNAME='SALES'

1. Find out the mgr who lives in DALLAS and belong from grade 3 and 4.

ANS: SAME LIKE 10

1. Find out the grade of all mgrs.