```
1.
select deptno,dname
from dept
where deptno not in(
select deptno from emp);

2.
select ename,job
from emp
where mgr is null;

3.
select e.ename,e.job
from emp e,dept d
where e.comm>1000 and d.loc='NEW YORK' and d.deptno=e.deptno ;

4.
select count(e.empno)
from emp e,dept d
where d.loc='CHICAGO' and d.deptno=e.deptno ;

5.
select e.ename,d.loc
from emp e,dept d
where d.loc='CHICAGO' and d.deptno=e.deptno ;

6.
select e.ename , d.loc
from emp e
RIGHT JOIN DEPT D
ON E.DEPTNO=D.DEPTNO
order by D.loc

7.
select count(deptno)
from dept
union
select count(ename)
from emp;

8.
SELECT *
FROM EMP E, EMP E1
WHERE E.MGR=E1.EMPNO
AND E.HIREDATE<E1.HIREDATE

9.
select count(job)
from emp
```

```
where job='manager';

10.
SELECT  Ename, Job
FROM Emp
WHERE MGR IS NULL;

11.
SELECT ENAME,DEPTNO
FROM EMP
WHERE ENAME= 'SMITH';

12.
SELECT E.ENAME, E.JOB FROM EMP E
 JOIN DEPT D
ON E.DEPTNO=D.DEPTNO
WHERE E.JOB = 'SALESMAN' AND LOC NOT IN ('BOSTON');

13.
SELECT E.*, D.LOC
FROM EMP E, DEPT D
WHERE E.DEPTNO=D.DEPTNO

14.
SELECT ENAME, SAL
FROM EMP
WHERE JOB = 'SALESMAN' AND SAL < (SELECT SAL FROM EMP
                                          WHERE ENAME='MILLER');

15.
SELECT E.*,D.LOC FROM EMP E, DEPT D
WHERE D.LOC ='CHICAGO' AND E.DEPTNO=D.DEPTNO;

16.
SELECT ENAME, SAL
FROM EMP WHERE SAL > (SELECT MIN(SAL) FROM EMP
                                  WHERE JOB ='MANAGER');

17.
SELECT E.ENAME, E.JOB, D.DNAME
FROM EMP E, DEPT D
WHERE D.DNAME='ACCOUNTING' AND E.DEPTNO=D.DEPTNO;

18.
SELECT ENAME, JOB
FROM EMP
WHERE JOB='MANAGER';

19.
SELECT DNAME,
```

```sql
        CASE
                WHEN DNAME='ACCOUNTING' THEN 'NON SALES'
                WHEN DNAME='RESEARCH' THEN 'NON SALES'
                WHEN DNAME='OPERATIONS' THEN 'NON SALES'
                ELSE 'SALES'
                END AS 'DESCRIPTION'
                FROM DEPT;
```

20.
```sql
SELECT SAL, ENAME,
CASE
WHEN SAL>1000 THEN SAL
ELSE '1000'
END AS 'DESCRIPTION'
FROM EMP;
```

21.
```sql
SELECT SAL, ENAME,
CASE
        WHEN SAL < 1000 THEN 'LOW'
        WHEN SAL BETWEEN 100 AND 2500 THEN 'MEDIUM'
        WHEN SAL > 2500 THEN 'HIGH'
        END AS 'DESCRPYN'
        FROM EMP;
```