/\*1\*/

select deptno from DEPT

where DEPTNO not in (select DEPTNO from emp)

/\*2\*/

select ename from emp

where mgr is null

/\*3\*/

SELECT E.ENAME,E.JOB,D.DNAME,e.DEPTNO

FROM EMP E inner JOIN DEPT D

ON(E.DEPTNO = D.DEPTNO)

WHERE loc='NEW YORK' and comm >1000

select ename,job, deptno from emp

where DEPTNO =(select deptno from DEPT where loc='NEW YORK') and COMM > 1000

/\*4\*/

select count(deptno) from emp

where DEPTNO=(select DEPTNO from DEPT where loc='CHICAGO')

/\*5\*/

select ename from emp

where DEPTNO=(select DEPTNO from DEPT where loc='CHICAGO')

/\*6\*/

SELECT E.ENAME,E.JOB,d.LOC

FROM EMP E inner JOIN DEPT D

ON(E.DEPTNO = D.DEPTNO)

order by loc

/\*7\*/

select count(distinct(ename)),count(distinct(deptno)) from emp

/\*8\*/

/\*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 ename from emp

where DEPTNO != (select DEPTNO from DEPT where loc='BOSTON') and job='SALESMAN'

/\*13\*/

SELECT E.ENAME,E.JOB,d.LOC

FROM EMP E inner JOIN DEPT D

ON(E.DEPTNO = D.DEPTNO)

order by loc

/\*14\*/

select ename from emp

where sal < (select sal from emp where ENAME='MILLER') and job='SALESMAN'

/\*15\*/

select \* from emp

where DEPTNO=(select DEPTNO from DEPT where loc='CHICAGO')

/\*16\*/

select ename,sal from emp

where sal>(select min(sal) from emp where job='MANAGER' )

/\*17\*/

select ename,job from emp

where DEPTNO = (select DEPTNO from DEPT where DNAME='ACCOUNTING' )

/\*18\*/

select \* from emp

where job='MANAGER'

/\*19\*/

select dname,

case

when dname !='sales'then 'NOTSALES'

else 'SALES'

end

from DEPT

/\*20\*/

select sal,

case

when sal >1000 then sal

else 1000

end

from emp

/\*21\*/

select sal,

case

when sal >2500 then 'high'

when sal < 1000 then 'low'

when sal between 1000 and 2500 then 'medium'

end as salaryrange

from emp;