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SQL Assignment Set 2 Solutions

/\*1\*/

select d.DNAME

from dept d

where d.deptno not in (select e.deptno from emp e)

/\*2\*/

select ename,job

from emp

where mgr is NULL

/\*3\*/

select e.ename,e.job

from emp e,dept d

where e.deptno = d.deptno and d.loc='new york'

/\*4\*/

select count(\*) as 'Total Employees'

from emp e,dept d

where e.deptno = d.deptno and d.loc='chicago'

/\*5\*/

select e.ename

from emp e,dept d

where e.deptno = d.deptno and d.loc='chicago'

/\*6\*/

select e.ename,d.loc

from emp e,dept d

where e.deptno=d.deptno

order by loc asc

/\*7\*/

SELECT ( SELECT COUNT(\*) FROM emp) AS 'Total\_Emp',

(SELECT COUNT(\*) FROM dept) AS 'Total\_Dept'

/\*8\*/

select e.ename

from emp e,emp w

where e.mgr=w.empno and e.hiredate<w.hiredate

/\*9\*/

select count(\*) as 'No. of managers'

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

from emp e,dept d

where e.deptno=d.deptno and e.job='salesman' and d.loc!='boston'

/\*13\*/

select e.ename,e.empno,e.job,d.loc

from emp e,dept d

where e.deptno=d.deptno

/\*14\*/

select ename,sal

from emp

where sal<(select sal from emp where ename='miller')

/\*15\*/

select e.ename,e.empno,e.job,d.loc

from emp e,dept d

where e.deptno=d.deptno and d.loc='chicago'

/\*16\*/

select ename,sal

from emp

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

/\*17\*/

select ename,job

from emp e,dept d

where e.deptno=d.deptno and dname='accounting'

/\*18\*/

select ename

from emp

where job='manager'

/\*19\*/

select dname,

case

when dname='accounting' then 'not sales'

when dname='research' then 'not sales'

when dname='operations' then 'not sales'

else 'sales'

end as 'Type'

from dept;

/\*20\*/

select sal, ename,

case

when sal>1000 then sal

else '1000'

end as 'Salary'

from emp;

/\*21\*/

select sal,ename,

case

when sal<1000 then 'low'

when sal between 1000 and 2500 then 'medium'

when sal>2500 then 'high'

end as 'Range'

from emp;