

/ LAB 5

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(1)select max(sal),min(sal),avg(sal) from emp where deptno=10;
//select deptno,max(sal),min(sal),avg(sal) from emp group by deptno;
(2)select deptno,count(*) from emp group by deptno having deptno (10,20);*****
(3)select sum(sal) from emp where job='CLERK';
(4)SELECT JOB,COUNT(ENO),AVG(SAL) FROM EMP GROUP BY JOB;
(5)SELECT E.ENO,E.ENAME,D.DNAME FROM EMP E,DEPT D WHERE (E.DEPTNO =
D.DNUM ) AND (ENAME LIKE '%EN' OR ENAME LIKE'%ER') ;
(6)select e.eno,d.dname from emp e full join dept d on e.deptno=d.dnum;
    select e.eno,d.dname from emp e join dept d on e.deptno=d.dnum;
    select e.eno,d.dname from emp e left join dept d on e.deptno=d.dnum;
    select e.eno,d.dname from emp e right join dept d on e.deptno=d.dnum;
(7)select e.eno,e.ename,m.ename mgrname from emp e,emp m,dept d where
(e.mgr=m.eno) and (d.dname='SALES') and (e.deptno=d.dnum);

(8)select e.eno,e.ename,m.ename from emp e,emp m where e.mgr=m.eno and e.deptno in
(select dnum from dept where dname='SALES');
(9)select d.dnum,d.dname,count(e.eno) from emp e,dept d where (e.sal>=1300) and
(e.deptno=d.dnum) group by d.dnum,d.dname;
(10)select d.dnum,d.dname,count(e.eno) from emp e,dept d where (e.deptno=d.dnum)
group by d.dnum,d.dname having count(e.eno)>=5;
//select dnum,dname,count(*) from emp join dept on (deptno=dnum) group by dnum,dname
having count(*)>=5;
(11)select m.eno,m.ename from emp e join emp m on (e.mgr=m.eno) group by
m.eno,m.ename having count(e.eno)>0;
(12)select m.eno,m.ename,count(*) from emp e join emp m on e.mgr=m.eno group by
m.eno,m.ename;
(13)select eno,ename from emp where comm is null or comm=0;
(14)select eno,ename from emp,dept where dname != 'SALES' and emp.deptno=dept.dnum;
(15)select e.eno,e.ename from emp e,dept d where d.dloc <> 'BOSTON' and
e.deptno=d.dnum;
//select eno,ename from emp join dept on deptno=dnum where not dloc='BOSTON';
(16)select e.eno EMP,e.ename ENAME,m.eno MGR,m.ename MNAME from emp e,emp m
where (e.mgr=m.eno);
(17)select eno,ename,sal from emp where sal>2500;
(18)select eno,ename,sal from emp a where exists(select * from emp b where a.sal>2500
and a.eno=b.eno);
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