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1.
select eno, ename from E
where eno in (
select distinct mgrno from D)
2.
select P.pno, P.pname from E, P, W
where E.ename = 'Smith' and E.eno = W.eno
and P.pno = W.pno
3.
select ename from E
where E.eno in (
select eno, count(name) as f_name from Depend
group by eno having f_name >= 2)
4.
select E.ename from E
where E.eno not in (
select distinct eno from Depend
where name <> null)
5.
select E.ename, count(pno) from P, W, E
where E.eno = W.eno
and W.pno = P.pno
and pname = 'p2'
group by ename
having count(pno) = 1
6.
select ename from E
where E.eno in (
select eno from W
group by eno
having count(pno) = 1)
7.
select eno from E
where NOT EXISTS(
select * from P
where NOT EXISTS(
select * from W
where W.eno = E.eno
and W.pno = P.pno))
8.
select pno, pname from P
where NOT EXISTS (
select * from E where E.dno = '3'
and NOT EXISTS (
Select * from W Where W.eno = E.eno
and W.pno = P.pno))
9.
select ename from E E1
where E1.salary = (select max(E2.salary) from E E2)
select ename from E E1
where E1.salary >= All(select E2.salary from E E2)
10.
select E1.dno, E1.eno from E E1

Where (E1.dno, E1.salary) in (
Select E2.dno, max(salary)
From E E2 Group by E2.dno)

二

1.
Select f.pid, count(ordno), sum(dollars),
max(dollars) from (Orders right outer join
Products using(pid)) f
group by f.pid order by sum(dollars) desc
2.
select P.pid from Products P
where P.price > 100 and NOT EXISTS(
Select * from Customer C
where C.city = 'Dallas' and NOT EXISTS (
select * from Orders O where O.cid = C.cid
and O.pid = P.pid))
3.
select O.cid, O.ordno, O.orddate, O.dollars
from Orders O Where (O.cid, O.orddate)in(
select O1.cid, max(orddate) from Orders O1
group by O1.cid)
4.
select cid from Customers c
where not exists(select * from Orders o1 where
o1.cid=c.cid group by o1.pid
having avg(o1.dollars)<300);
5.
select O.cid, avg(dollars)
from Orders O where dollars >= 10000
Group by O.cid having count(*) >= 10
order by avg(dollars) desc
6.
delete from Orders O where O.dallars is null
7.
delete from Agent A where NOT EXISTS (
select * from Orders O where O.aid = A.aid)
8.
Update Customer C
set C.discnt = 1.1 * C.discnt
Where C.cid in (Select O.cid From Orders O
Group by O.cid Having sum(dollars) > 10000)
9.
insert into Customer(cid, cname)
values ('c0009', 'John')
10.
insert into V_customer
select * from Customer C
Where C.cid in(Select O.cid
From Orders O
Group by O.cid
Having sum(dollars) > 10000)