1.

select \* from Employee where sex='男';

2.

select empid,empname,age,location from Department,Employee

where Employee.depid=Department.depid and empname like '李%'

order by age desc;

3.

select empname,max(budget)highestbudget,min(budget)lowestbudget

from Employee,Project,Workson

where Workson.empid=Employee.empid and Workson.proid=Project.proid

group by empname;

4.

select empid, COUNT(empid) as num from project,workson

where workson.proid=project.proid

group by empid having COUNT(empid)>1;

5.

select proid,projectname,budget

from project

where budget=(

select budget from project

where catid='c2'order by budget desc

limit 1);

6.

select employee.empid,empname,age,sex,depid

from Project,Employee,Workson

where workson.proid=project.proid and projectname='产品推广' and employee.empid=workson.empid and job is NULL;

7.

select category.catid,count(workson.proid)as proNum

from category left outer join project on project.catid=category.catid

left outer join workson on workson.proid=project.proid

and workson.empid='10102'

group by category.catid;

8.

SELECT e.empid, e.empname, age, sex, depid

FROM Employee e

WHERE sex='女'and not exists(

SELECT \*

from project p, workson w, Category c

WHERE e.empid = w.empid and p.proid = w.proid and c.catid=p.catid and c.catname='软件类'

);

9.

select location,maxAge

from(

SELECT max(age) as maxAge,d.location

FROM Employee e, Department d

WHERE e.depid = d.depid and e.sex = '男'

GROUP BY d.location

)p

where maxAge>30

order by maxAge asc;

10.

select emp.empid,emp.empname,procnt

from Workson,Department,Project,

(select Employee.empid,empname,Employee.depid,count(proid)as procnt

from employee,Workson

where Employee.empid=Workson.empid

group by Employee.empid,empname,Employee.depid

)emp

where Department.location='广州' and Department.depid=Emp.depid and Workson.proid=project.proid

and projectname='产品推广' and Workson.empid=Emp.empid

group by emp.empid,emp.empname,procnt;