

1. 查找雇员姓名，雇员工资及所在的部门的名字？

```
select ename "员工姓名",sal "工资",dname "部门名称" from emp inner join dept  
on emp.deptno = dept.deptno;
```

```
select a.ename,a.sal,b.dname from emp a,dept b where a.deptno = b.deptno;
```

2. 查找部门号为10的部门名、员工名和工资？

```
select b.dname,a.ename,a.sal from emp a,dept b where a.deptno = b.deptno  
and a.deptno = 10;
```

3. 查找各个员工的姓名、工资及其工资级别？

```
select a.ename,a.sal,b.grade from emp a,salgrade b where a.sal between b.losal  
and b.hisal;
```

4. 查找雇员名，雇员工资及所在部门名，并按部门排序？

```
select a.ename,a.sal,b.dname from emp a , dept b where a.deptno = b.deptno  
order by a.ename;
```

自连接

5. 查找SMITH员工的上级领导？

```
select b.ename,w.ename from emp w , emp b where w.empno = b.mgr and  
b.ename = 'SMITH';
```

```
select e.ename,m.ename from emp e,emp m where e.mgr=m.empno(+) and  
e.ename = 'SMITH';
```

子连接

6. 查找和SMITH同一部门的所有员工？

```
select * from emp where deptno = (select deptno from emp where ename =  
'SMITH');
```

7. 查找和部门20的工作相同的员工的姓名、岗位、工资、部门号？

```
select ename,job,sal,deptno from emp where job in ( select distinct job from  
emp where deptno=20);
```

8. 查询工资比部门30号的所有员工的工资高的员工的姓名、工资和部门编号？

```
select ename,sal,deptno from emp where sal > (select max(sal) from emp
where deptno=30);
```

```
select ename,sal,deptno from emp where sal > all (select sal from emp where
deptno=30);
```

9. 查询工资比部门30号的任意一个员工的工资高的员工的姓名、工资和部门编号？

```
select ename,sal,deptno from emp where sal > (select min(sal) from emp where
deptno=30);
```

```
select ename,sal,deptno from emp where sal > any (select sal from emp where
deptno=30);
```

10. 查找和SMITH的部门和岗位完全相同的所有员工？

```
select ename from emp where job = (select job from emp where
ename='SMITH') and deptno = (select deptno from emp where ename='SMITH');
```

```
select ename from emp where (job,deptno) = (select job,deptno from emp
where ename='SMITH');
```

11. 查找高于自己部门平均工资的员工的信息？

```
select a.ename,a.sal,a.deptno,b.mysal from emp a,(select deptno,avg(sal) mysal
from emp group by deptno) b where a.deptno = b.deptno and a.sal>b.mysal;
```

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12.

```
select a.* ,rownum rn from (select * from emp) a;
```

```
select a.* ,rownum rn from (select * from emp) a where rownum <=10;
```

```
select * from (select a.* ,rownum rn from (select * from emp) a where rownum
<=10) where rn >=6;
```

13.

```
select * from (select a.* ,rownum rn from (select ename,sal from emp) a where  
rownum <=10) where rn >=6;
```

```
select * from (select a.* ,rownum rn from (select ename,sal from emp order by  
sal) a where rownum <=10) where rn >=6;
```

14. 查询结果创建新表

```
create table myemp (id,name,sal) as select empno,ename,sal from emp;
```