

1. 如何查找所有员工中最高的工资、最低的工资、平均工资和工资总和计算共有多少员工？

```
select ename,sal from emp where sal = (select max(sal) from emp) or sal =  
(select min(sal) from emp);  
select sum(sal) as "工资总和",avg(sal) as "平均工资",count(*) as "总共员工数" from  
emp;
```

2. 查找工资最高的员工的姓名、工资岗位？

```
select ename as "姓名",sal as "工资",job as "工作岗位" from emp where sal =  
(select max(sal) from emp);
```

3. 查找工资高于平均工资的员工信息？

```
select * from emp where sal > (select avg(sal) from emp);
```

group by 操作符

4. 如何查找每个部门平均工资和最高工资？

```
select avg(sal),max(sal),deptno from emp group by deptno;
```

5. 查找每个部门的每个岗位平均工资和最低工资？

```
select avg(sal),max(sal),deptno,job from emp group by deptno,job;
```

6. 查找平均工资低于2000的部门号和他的平均工资？

```
select avg(sal),max(sal),deptno from emp group by deptno having  
avg(sal)>2000;
```

7. 查找平均工资低于2000的部门号和他的平均工资并按照平均工资升序显示？

```
select avg(sal),max(sal),deptno from emp group by deptno having  
avg(sal)>2000 order by avg(sal);
```