

学号	姓名	提交时间	总分	成绩
-	陈研旭	2023-05-31 12:27:25	100	100

1. 【简答题】用视图完成下列需求：

得分：100/100



- 1.创建视图stu_view, 显示所有部门名称, 学生名称和工资
- 2.创建视图 stupaixu_view, 显示出每个部门的学生数量, 总工资与平均工资, 平均工资小于500的不显示, 并按平均工资倒序排序
- 3.创建视图maxsal_view, 显示出工资最多的前10名同学的姓名和部门及工资
- 4.创建视图minsal_view, 显示工资出正序的前5-10条信息

学生答案 : 1)

```
create table bumen(  
    bid int,  
    bname varchar(20)  
)  
create table ren(  
    sid int,  
    sname varchar(20),  
    bid int,  
    qid int  
)  
create table qian(  
  
    qid int,  
    qian int  
)  
  
create view stu_view  
AS  
select bname,sname,qian  
from bumen b left join ren r on b.bid=r.bid  
    left join qian q on r.qid=q.qid
```

2)

```
create view stupaixu_view  
AS  
select count(*),sum(q.qian),avg(q.qian)  
from bumen b join ren r on b.bid=r.bid  
join qian q on r.qid=q.qid  
group by b.bid  
having avg(q.qian)<500  
order by avg(q.qian) desc
```

3)

```
create view maxsal_view  
AS  
select b.bname,r.sname,q.qian  
from bumen b join ren r on b.bid=r.bid  
join qian q on r.qid=q.qid  
order by q.qian desc  
limit 10
```

4)

```
create view maxsal_view  
as  
select q.qian  
from qian q  
order by q.qian asc  
limit 5,14
```

参考答案 : 用视图完成下列需求