**案例测试**

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# President表

## 1.1同表操作

### 统计出生在同一个州的总统

Select group\_concat(p1.last\_name,',',p1.first\_name),p1.state from president p1

inner join president p2 on p1.first\_name<> p2.first\_name or p1.last\_name <> p2.last\_name where p1.state=p2.state

group by state;

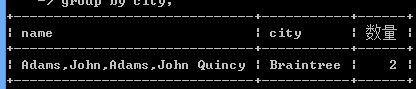
**举1反3例子：**

**统计出生在同一个城市的总统**

Select group\_concat(p1.last\_name,',',p1.first\_name),p1.city from president p1

inner join president p2 on p1.first\_name<> p2.first\_name or p1.last\_name <> p2.last\_name where p1.state=p2.state

group by city;



**统计出生在同一个地方(city和state相同)的总统**

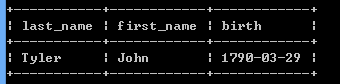
Select group\_concat(p1.last\_name,',',p1.first\_name) as name,p1.state,p1.city from president p1

inner join president p2 on p1.first\_name<> p2.first\_name or p1.last\_name <> p2.last\_name where p1.state=p2.state and p1.city=p2.city

group by city;

### 3月29号这一天出生的总统查找出来

Select last\_name, first\_name, birth from president where month(birth)='03' and dayofmonth(birth)='29';



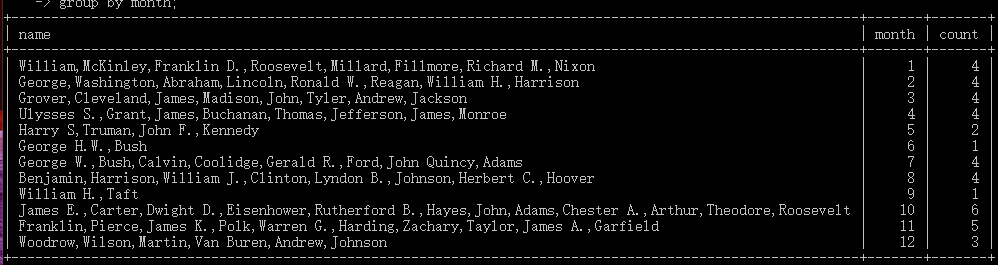
**举1反3例子：**

**统计哪些总统是今日出生(同年同月出生) month(current\_date())**

**不同月份出生的美国总统统计出来**

Select group\_concat(first\_name,',',last\_name) as name,month(birth) as month , count(\*) as count from president

group by month;



**美国有哪些州出过总统**

Select distinct state from president;

**美国哪些州分别出过几个总统**

Select group\_concat(first\_name,’,’last\_name) as name,state,count(\*) as count from president

Group by state;

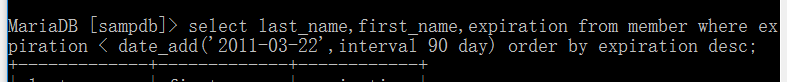
**哪位总统的寿命最长(死亡日期-出生日期)**

select first\_name,last\_name,birth,death,year(death)-year(birth) as age from president order by if(death is null,0,1),age desc;

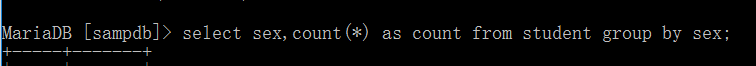
select first\_name,last\_name,birth,death,TIMESTAMPDIFF(year,birth,death) as age from president

order by if(death is null,0,1),age desc;

**近期需要缴费的史研究会会员(date\_add(current\_date(),interval 90 day))**



班级男生女生总共多少人



每一位学生的考试出勤情况(left join)

查看没有缺勤记录的同学 86

某次考试中成绩大于平均分