

## 查询每个制造商及其生产的最低价格的笔记本型号

```
1  select maker, min(price)
2  from product join laptop on product.model = laptop.model
3  group by maker;
```

## 查询生产的笔记本的硬盘容量不小于100GB的制造商

```
1  select maker, hd
2  from product join laptop on product.model = laptop.model
3  where hd >= 100;
```

## 查询生产最快速度的计算机的制造商

```
1  with computers as (
2      select model, speed from pc
3      union
4      select model, speed from laptop
5  ),
6  max_speed as (
7      select max(speed) as speed
8      from computers
9  )
10 select distinct maker
11 from product
12 join computers on product.model = computers.model
13 where speed = (select speed from max_speed);
```

## 用差集法查询选修了全部课程的学生姓名

```
1  select sname
2  from student
3  where not exists (
4      select cno from course
5      except
6      select cno from sc where sno = student.sno
7  );
```