## SQL 查询

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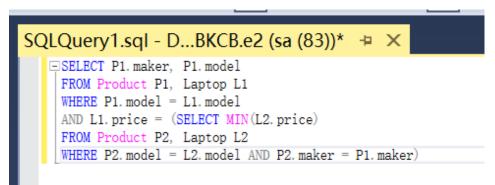
计算机产品数据库(要求:在 SQL Server/MySQL 中创建数据库、执行查询并验证结果)

Product (maker, <u>model</u>, type)

PC (<u>model</u>, speed, ram, hd, price)

Laptop (model, speed, ram, hd, screen, price)

1.查询每个制造商及其生产的最低价格的笔记本型号





2.查询生产的笔记本的硬盘容量不小于 100GB 的制造商

```
SQLQuery1.sql - D...BKCB.e2 (sa (74))* - ×

SELECT DISTINCT P. maker

FROM Product AS P

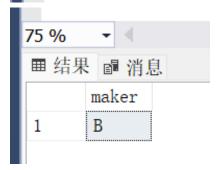
JOIN Laptop AS L ON P. model = L. model

WHERE L. hd >= 100;
```



3.查询生产最快速度的计算机的制造商

```
SQLQuery1.sql - D...BKCB.e2 (sa (74))* □ ×
   SELECT DISTINCT P. maker
     FROM Product AS P
     WHERE P. model IN (
     SELECT Computer. model
     FROM (SELECT model, speed
     FROM PC
     UNION
     SELECT model, speed
     FROM Laptop) AS Computer
     WHERE Computer. speed = (
     SELECT MAX(Computer1. speed)
     FROM (SELECT model, speed
     FROM PC
     UNION
     SELECT model, speed
     FROM Laptop) AS Computer1)
```



4.用差集法查询选修了全部课程的学生姓名

```
SELECT Sname
FROM Student S
WHERE NOT EXISTS
((SELECT Cno
FROM Course)
EXCEPT
(SELECT SC.Cno
FROM SC
WHERE SC.Sno = S.Sno))
```