SQL查询作业

1.查询每个制造商及其生产的最低价格的笔记本型号

select P.maker,L.model

from Laptop L

join Product P on L.model = P.model

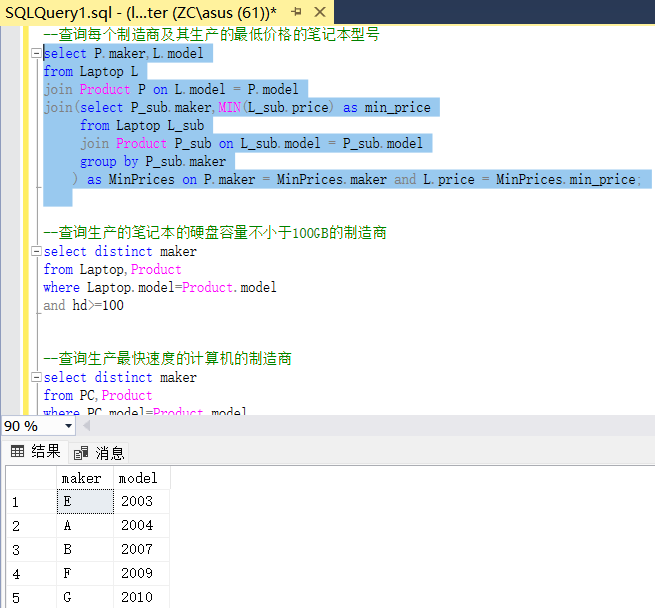
join(select P\_sub.maker,MIN(L\_sub.price) as min\_price

from Laptop L\_sub

join Product P\_sub on L\_sub.model = P\_sub.model

group by P\_sub.maker

) as MinPrices on P.maker = MinPrices.maker and L.price = MinPrices.min\_price;



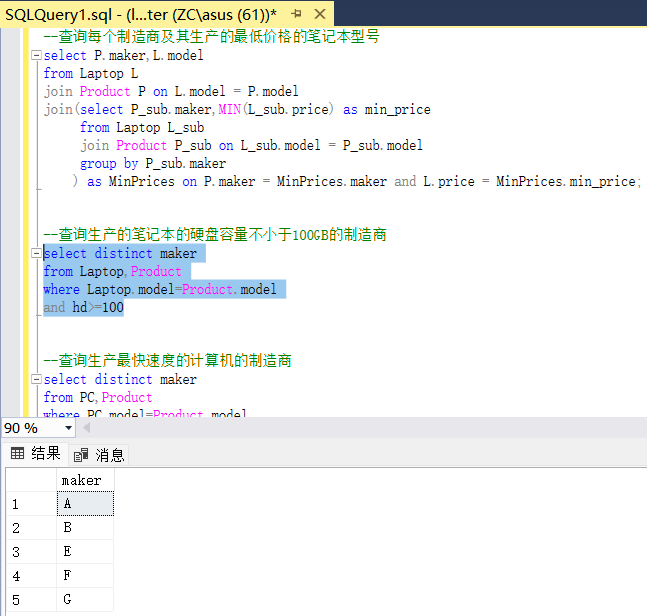
2.查询生产的笔记本的硬盘容量不小于100GB的制造商

select distinct maker

from Laptop,Product

where Laptop.model=Product.model

and hd>=100



3.查询生产最快速度的计算机的制造商

select distinct maker

from PC,Product

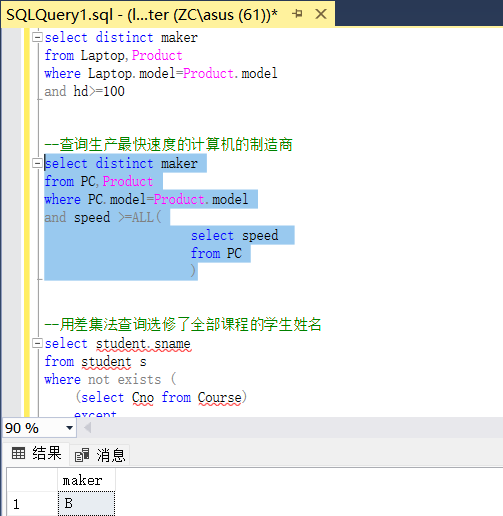
where PC.model=Product.model

and speed >=ALL(

select speed

from PC

)



4.用差集法查询选修了全部课程的学生姓名

select student.sname

from student s

where not exists (

(select Cno from Course)

except

(select Cno from SC where Sno = s.Sno)

)