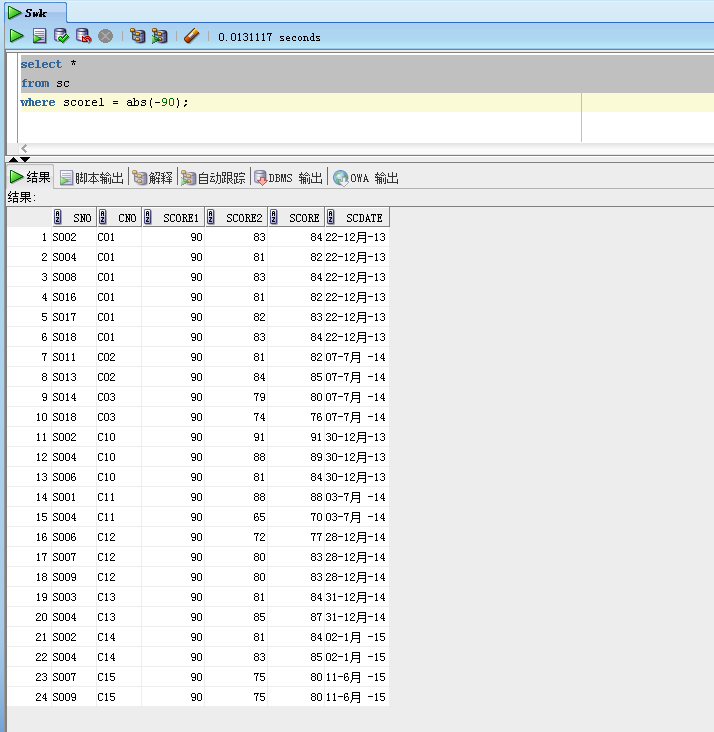
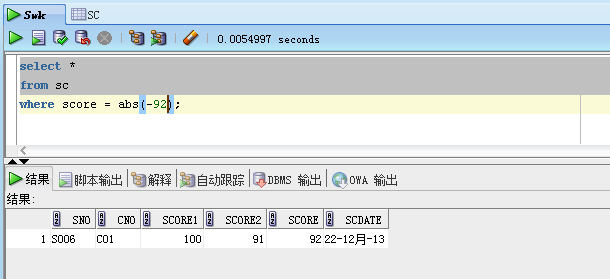
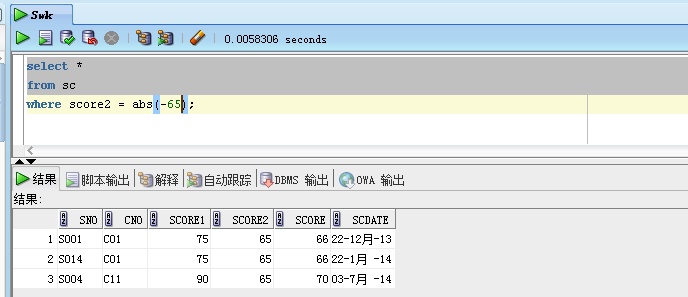
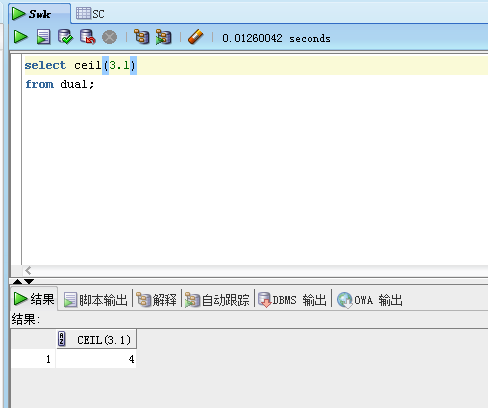
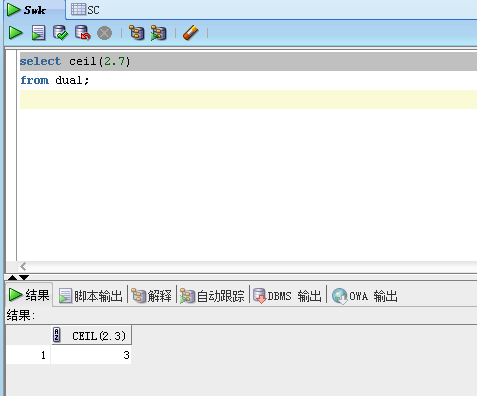
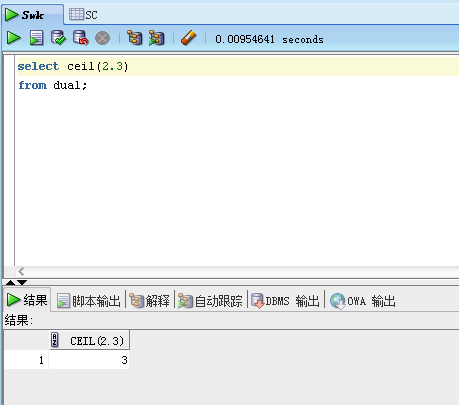
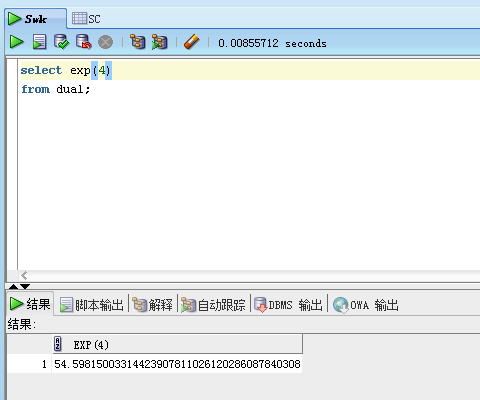
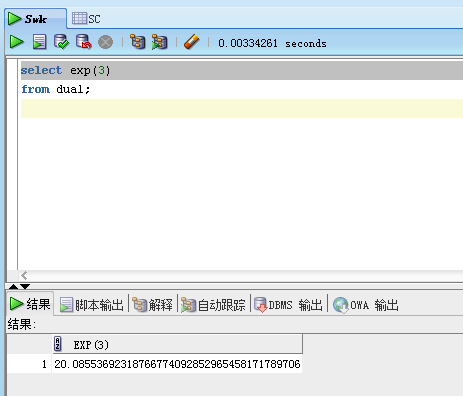
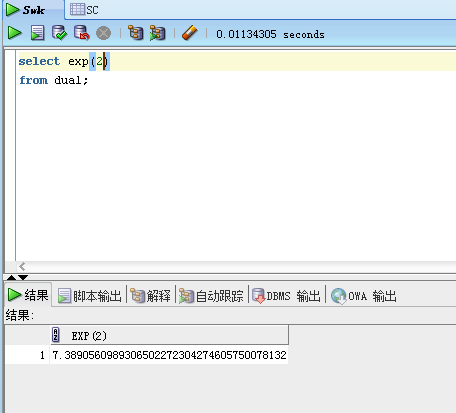
Abs()



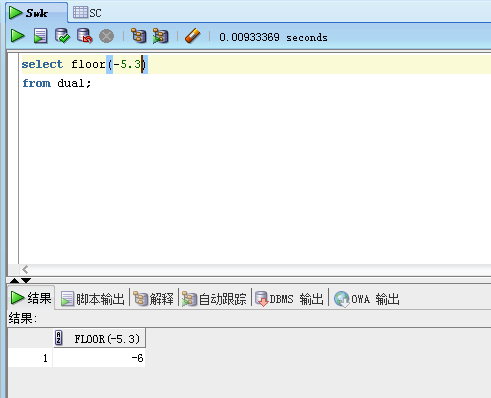
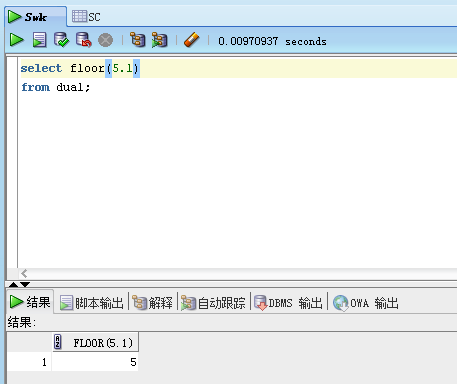
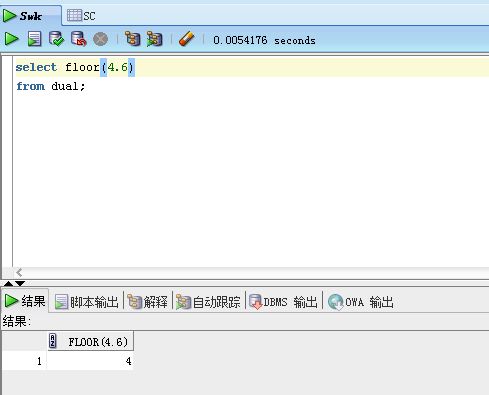
Ceil()



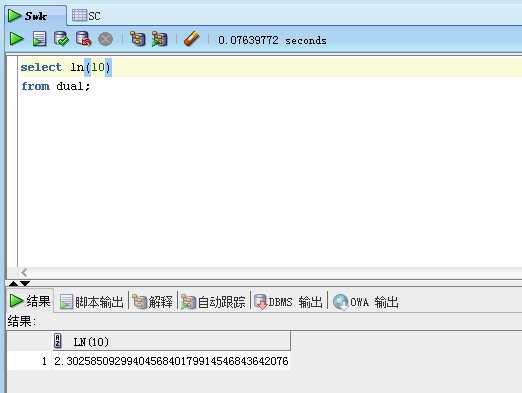
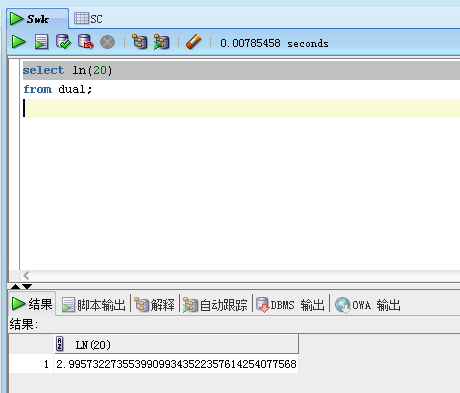
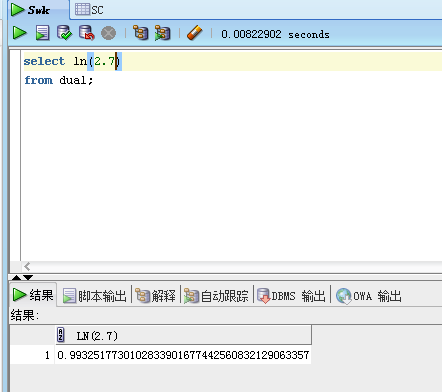
Exp()



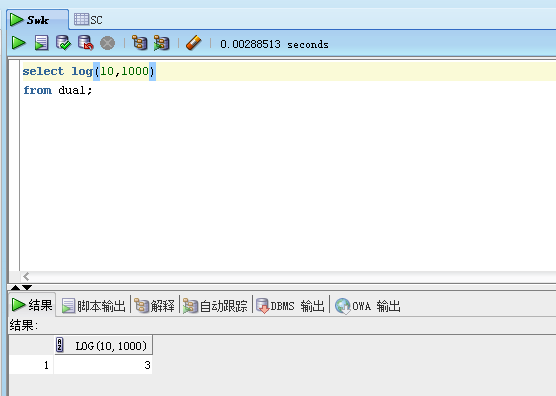
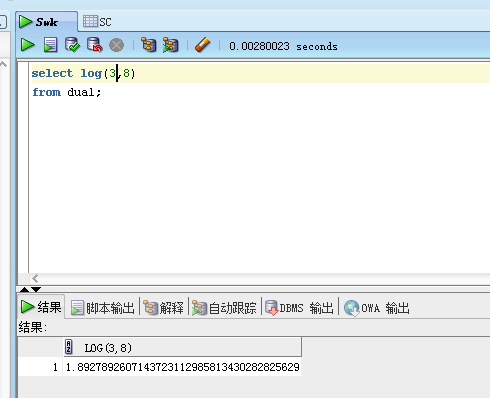
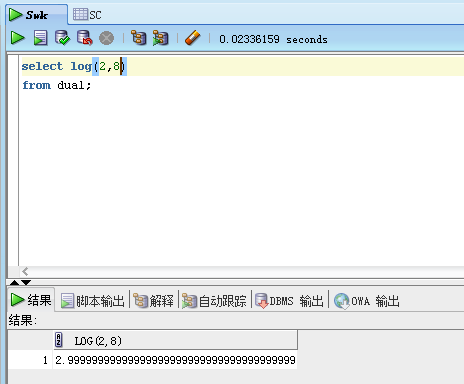
Floor()



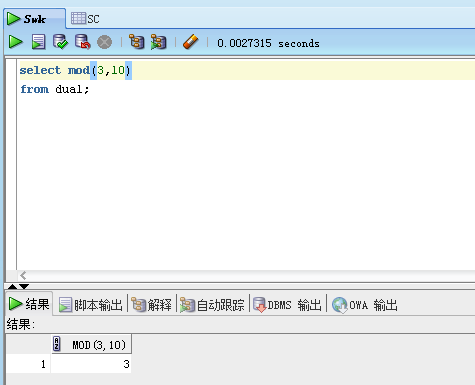
Ln()

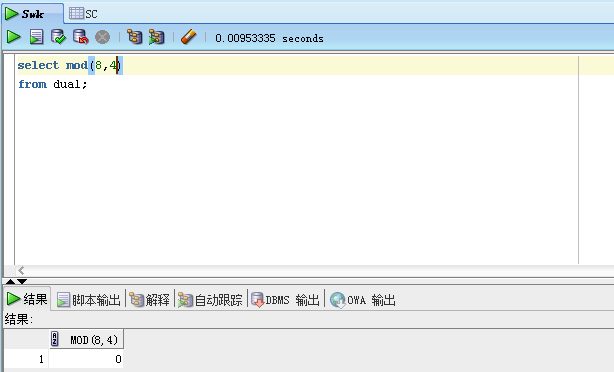
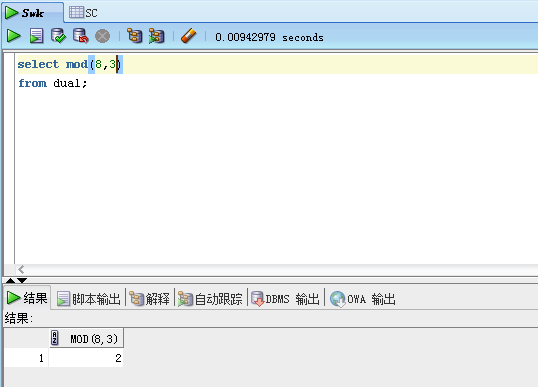


Log()

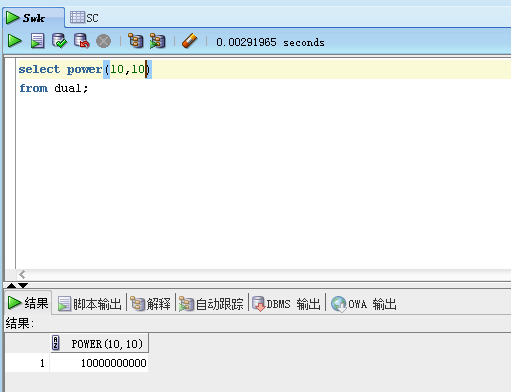
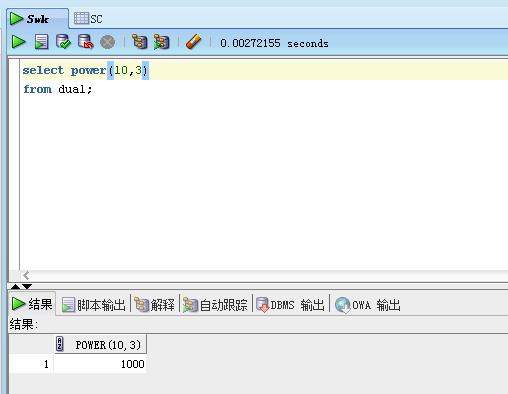
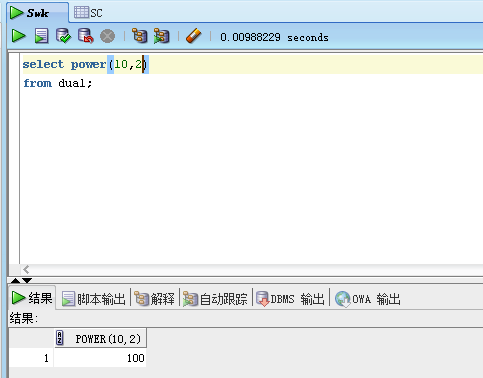


Mod()

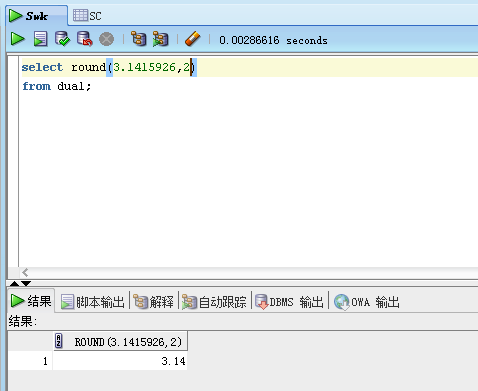
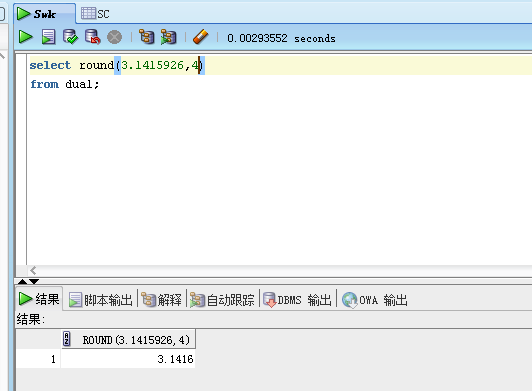
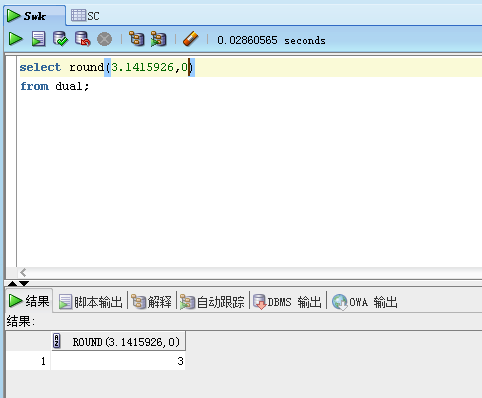




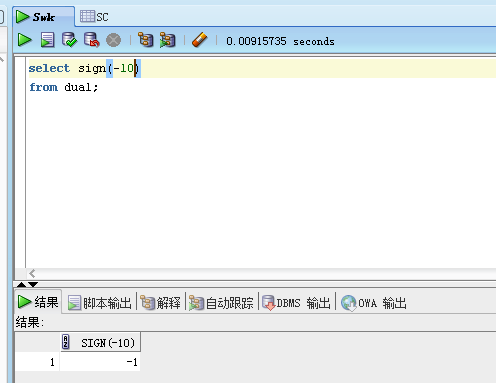
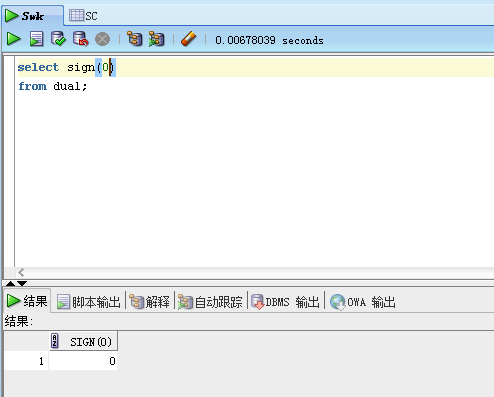
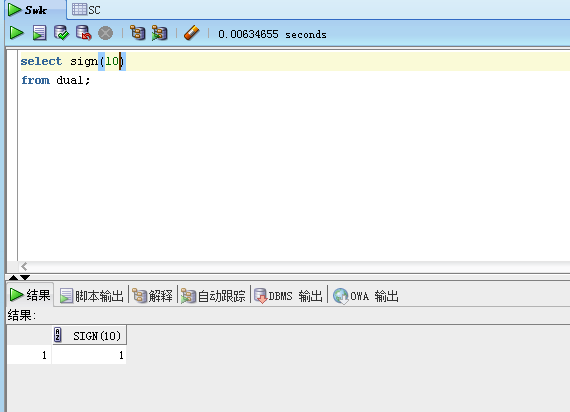
Power()



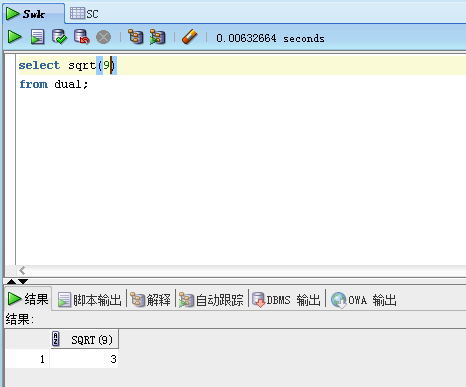
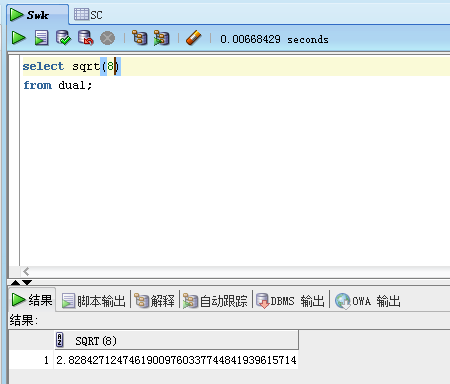
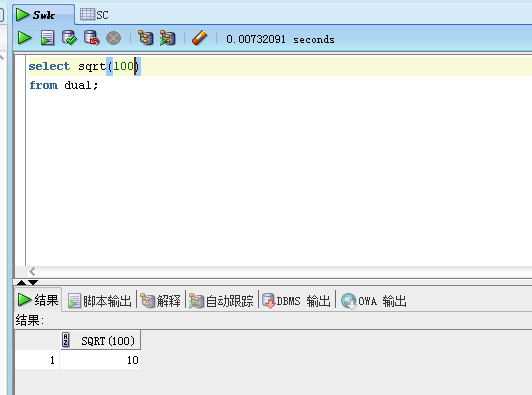
Round()

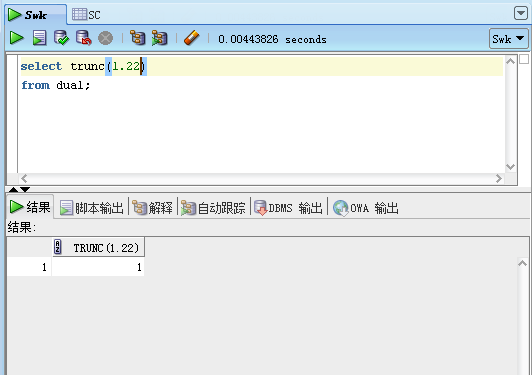
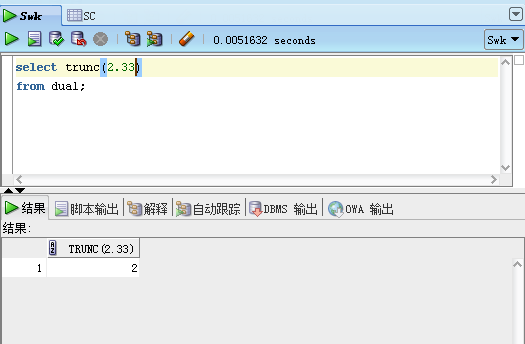
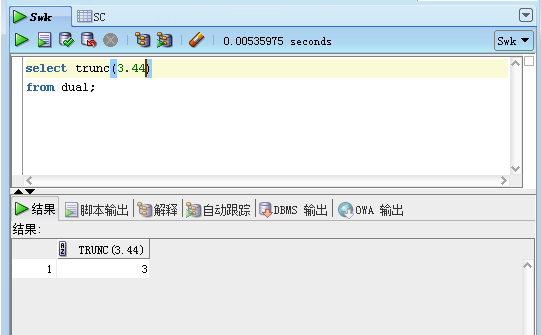
Sign()

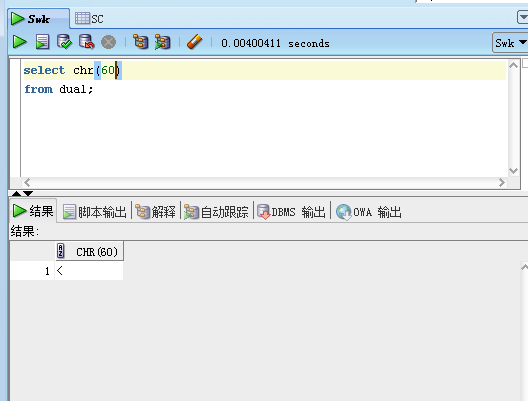
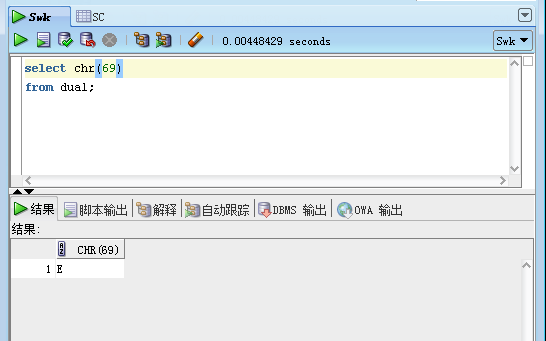
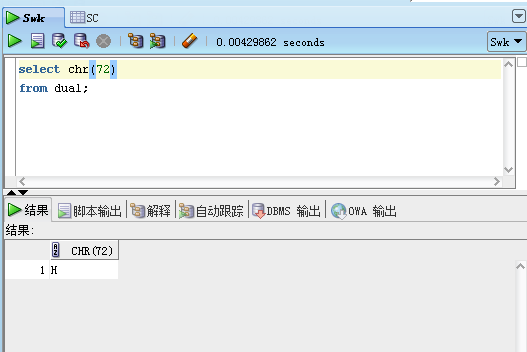
Sqrt()

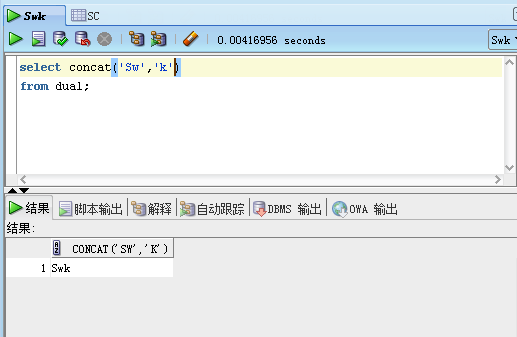
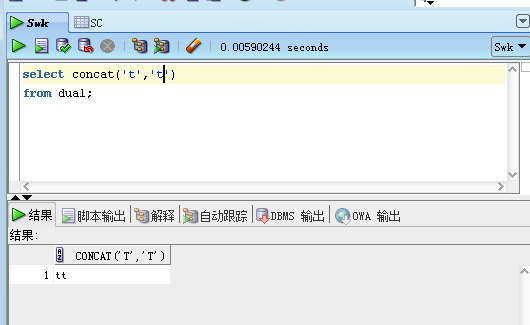
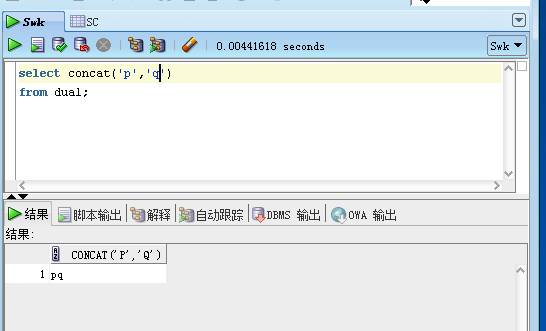
  

Trunc()

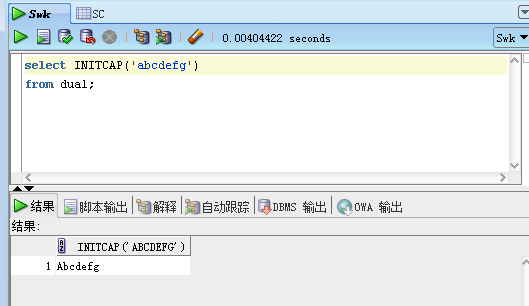
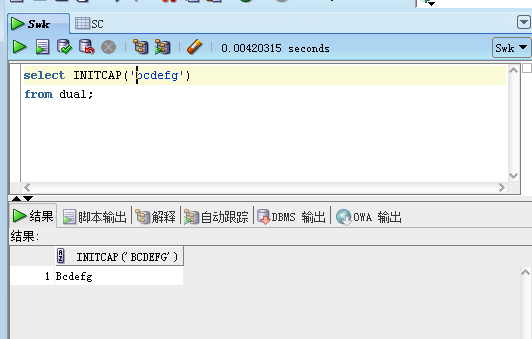
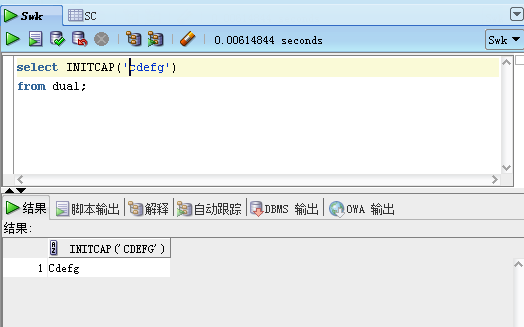
  

Chr()

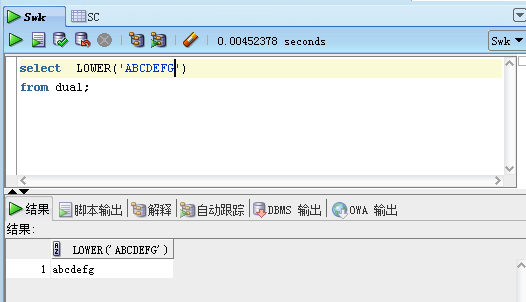
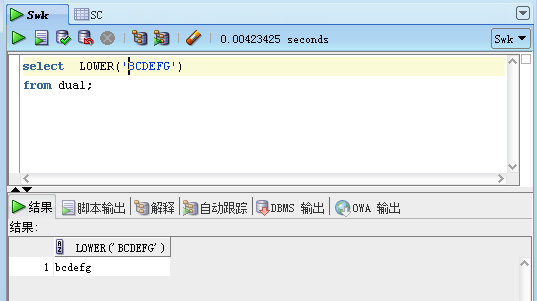
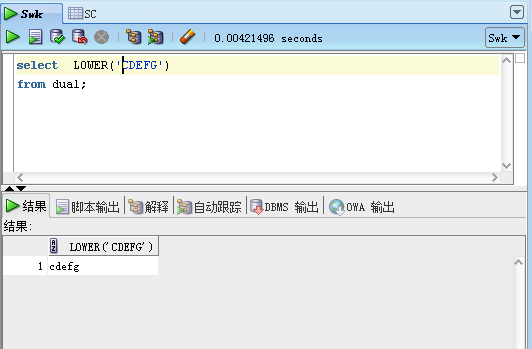
   CONCAT()

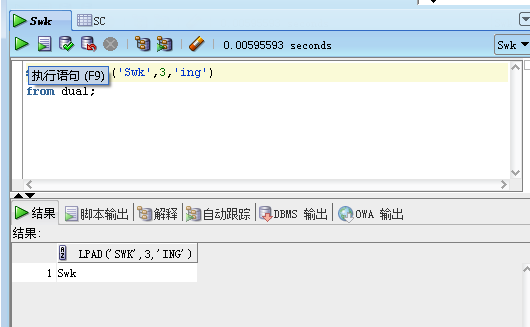
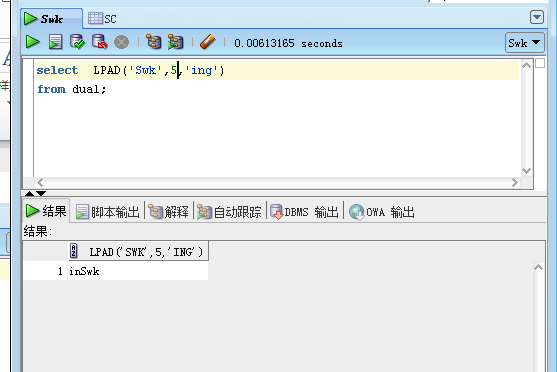
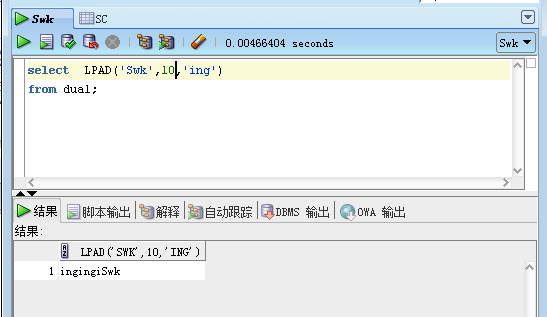
INITCAP()

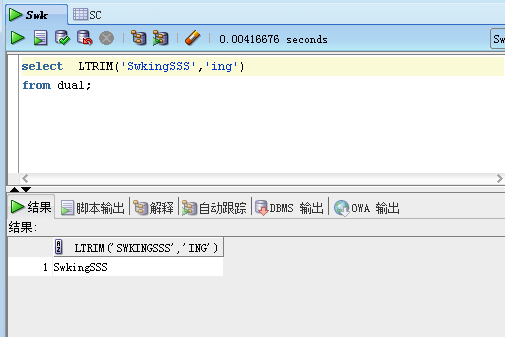
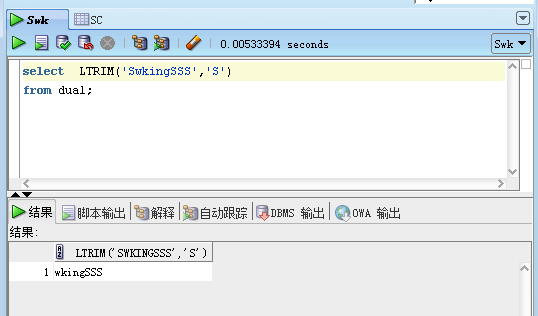
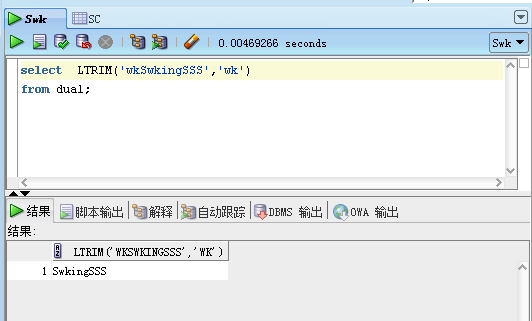
 LOWER()

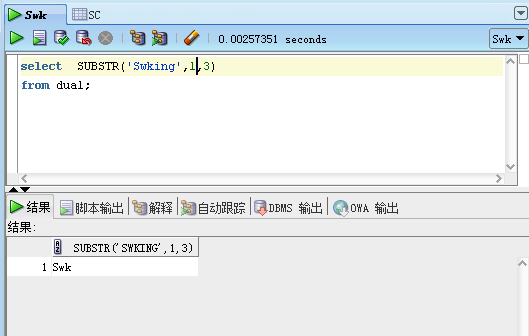
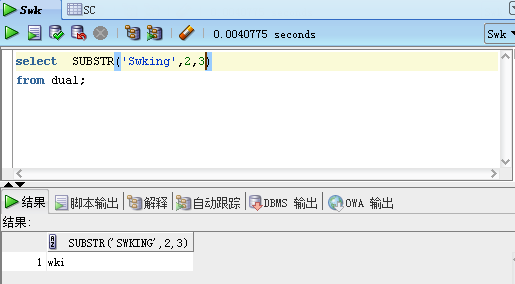
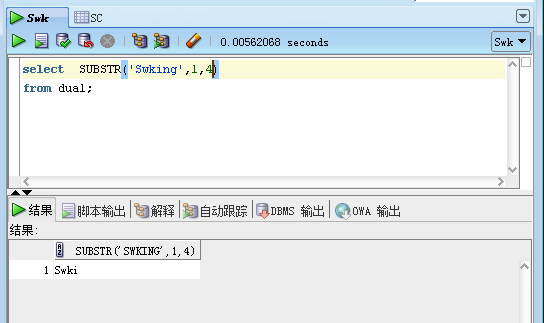
LPAD()

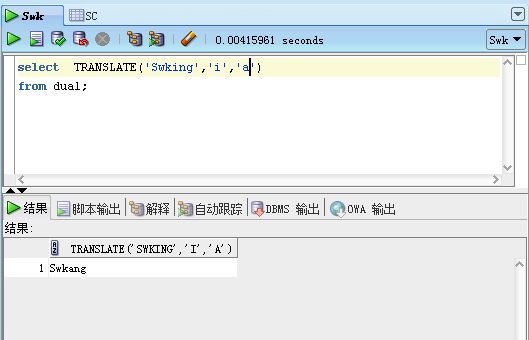
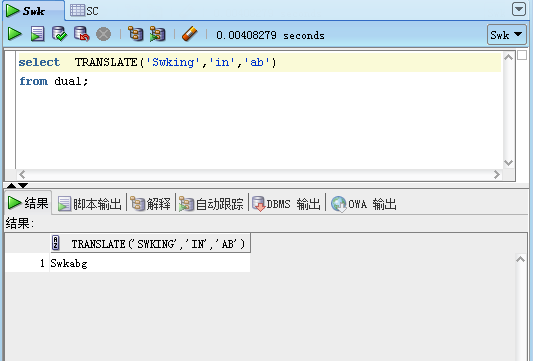
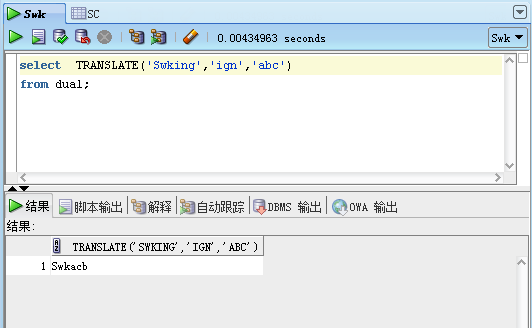
LTRIM（）

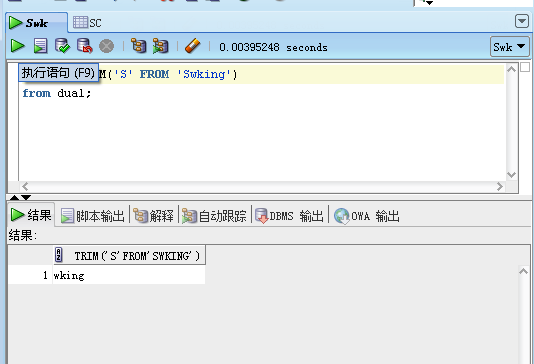
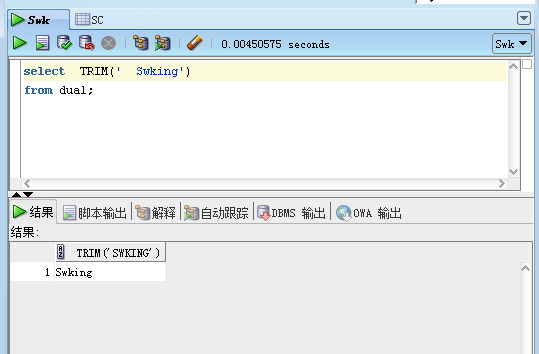
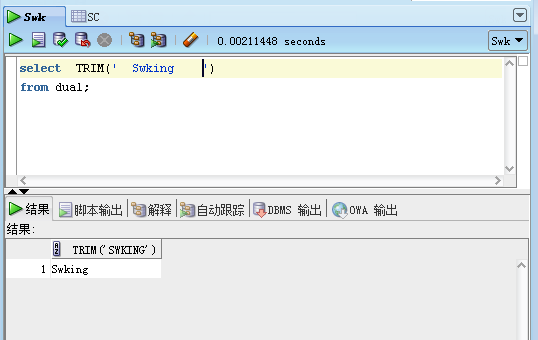
SUBSTR（）

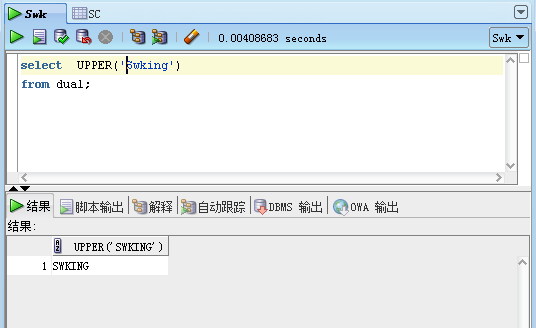
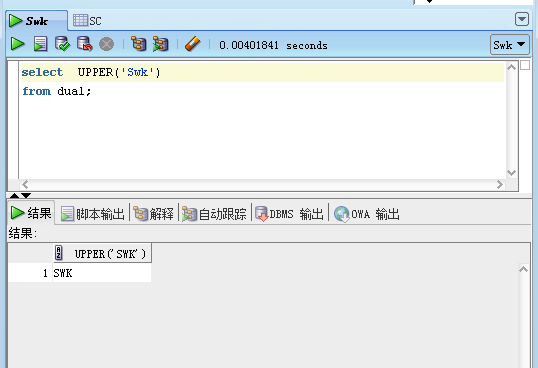
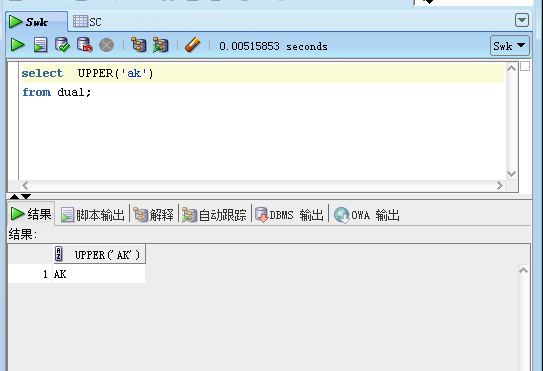
TRANSLATE（）

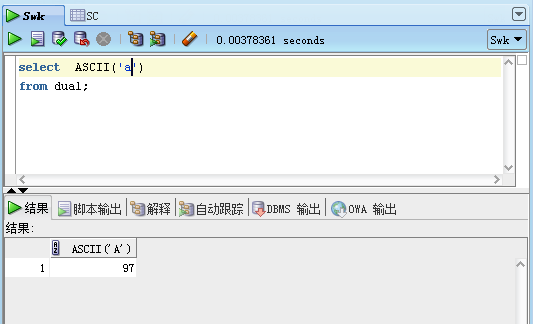
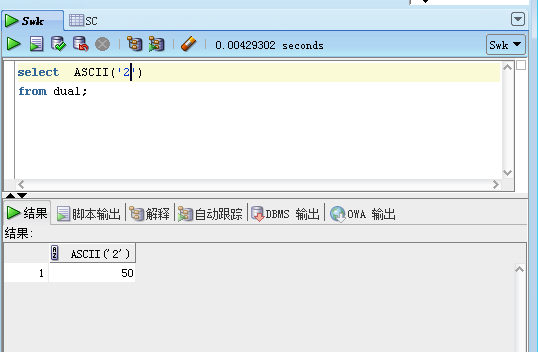
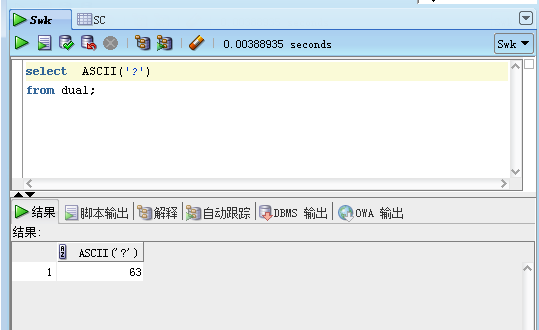
 

TRIM（）

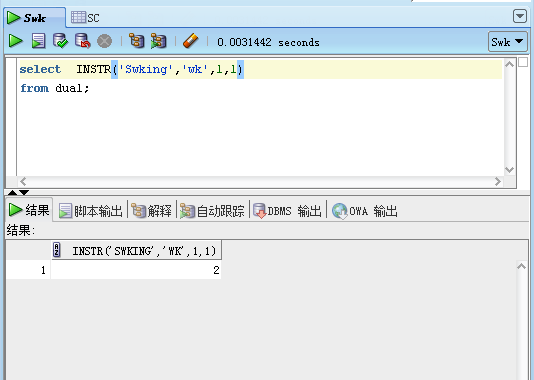
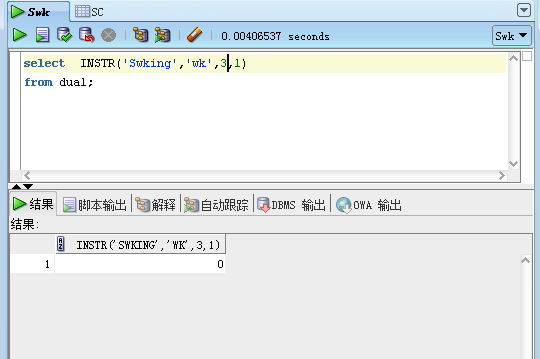
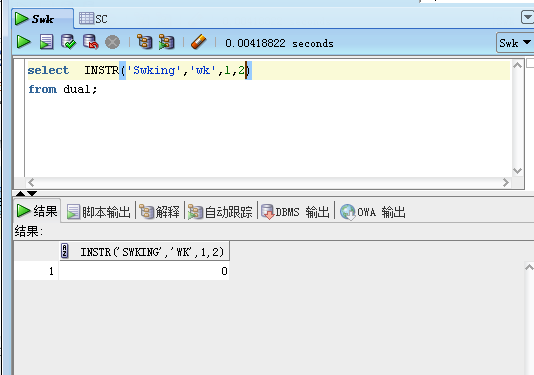
  

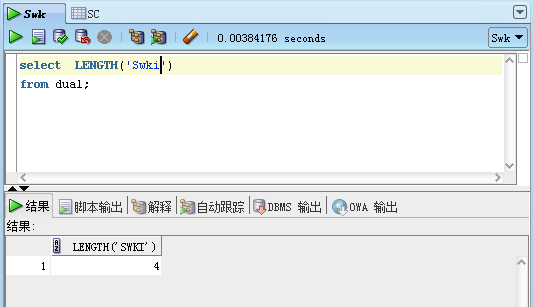
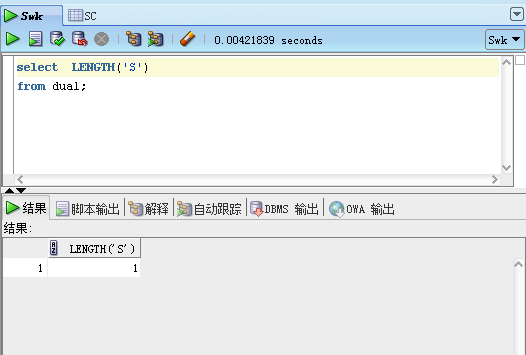
UPPER（）

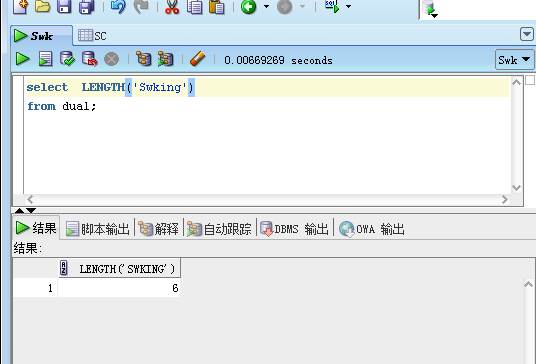
   ASCII

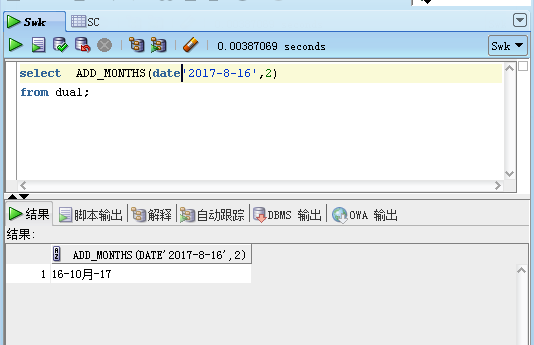
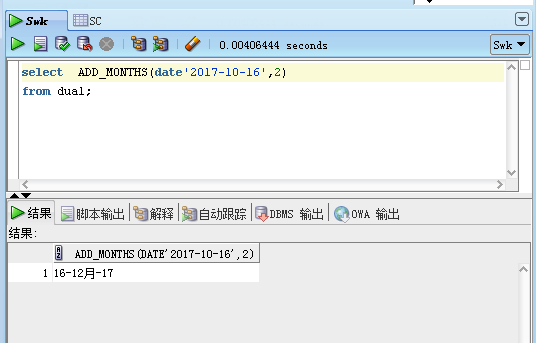
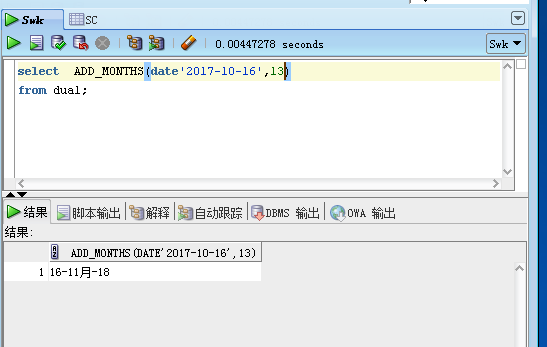
INSTR（）

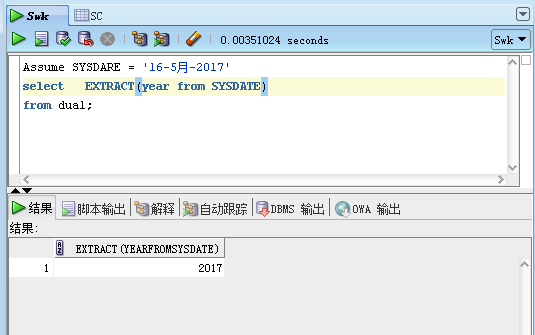
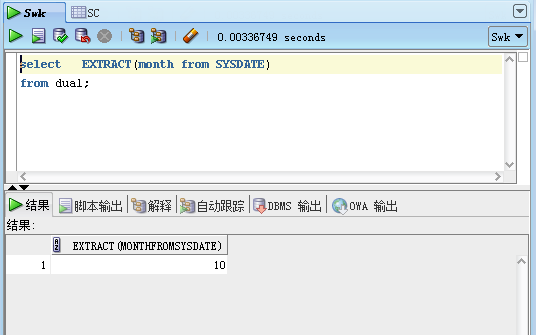
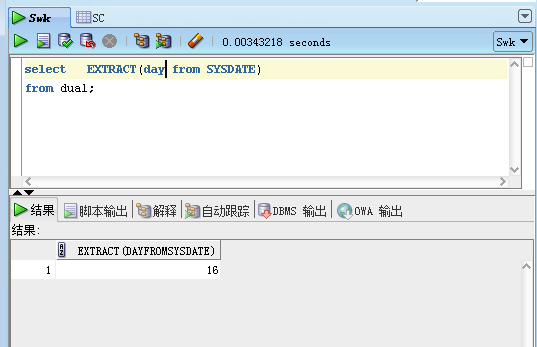
 LENGTH（） 



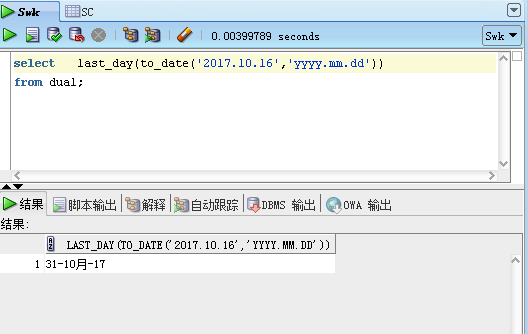
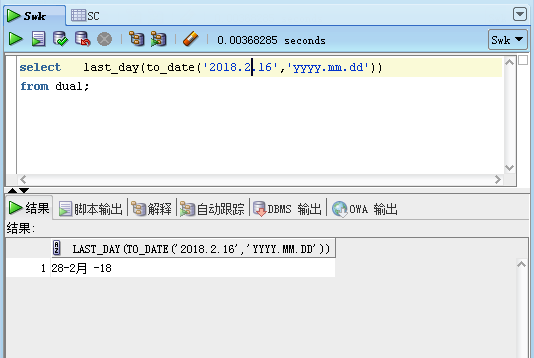
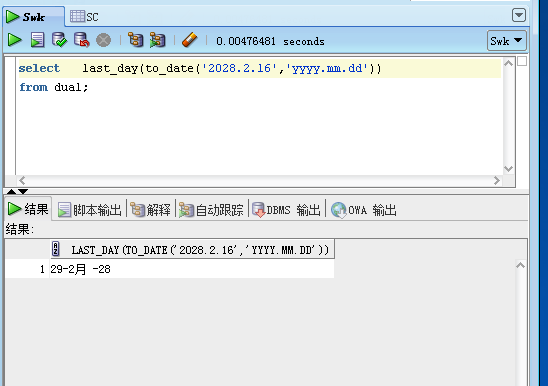
ADD\_MONTHS（）

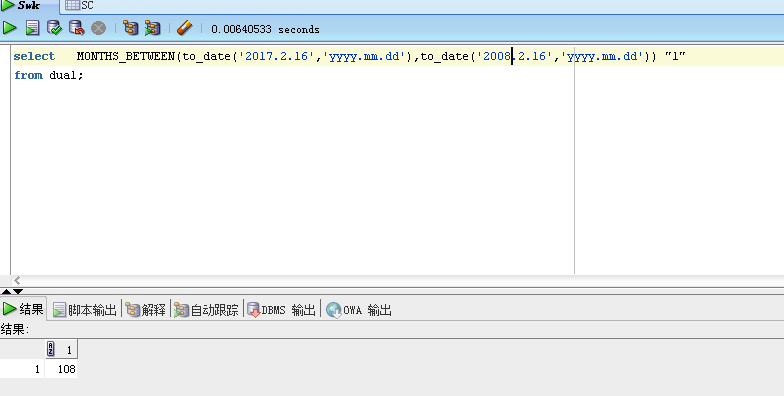
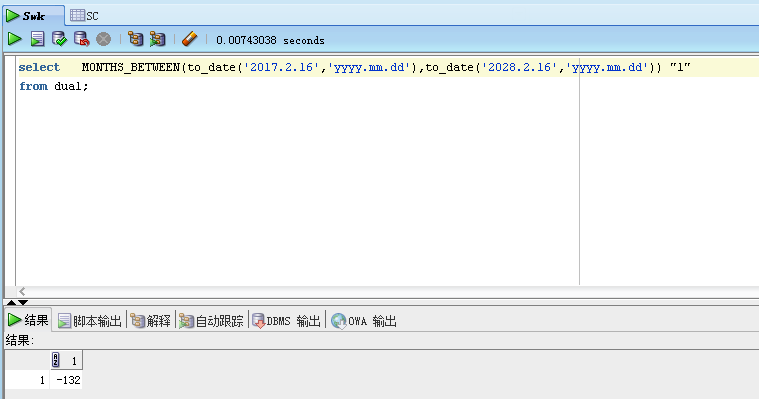
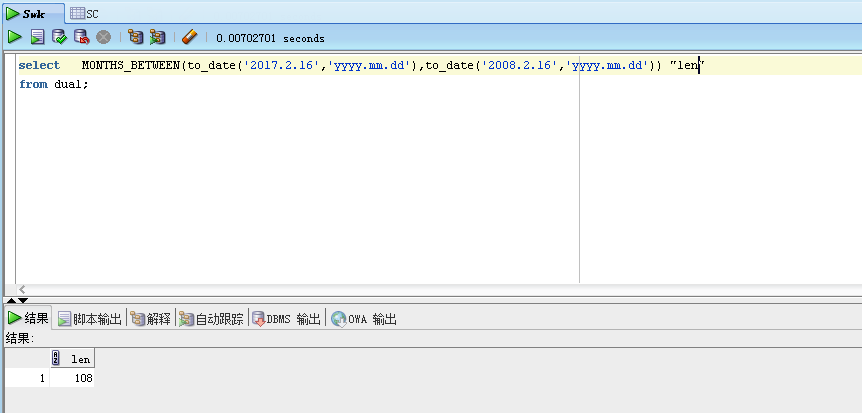
 EXTRACT (datetime)

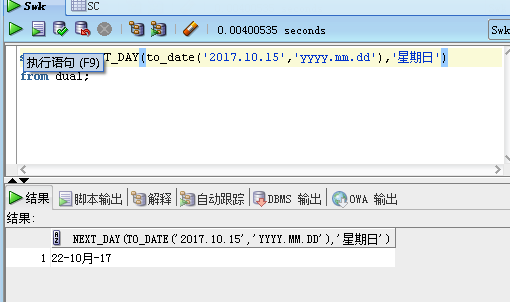
 LAST\_DAY（）

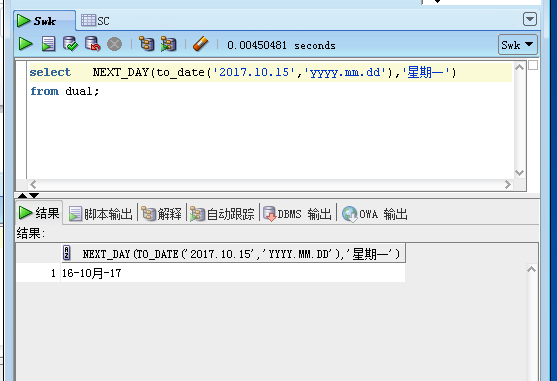
  

MONTHS\_BETWEEN（）

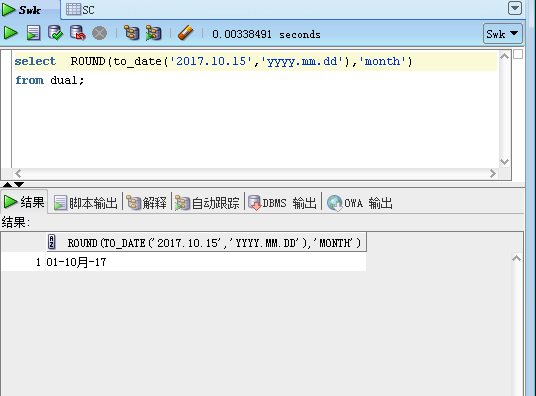
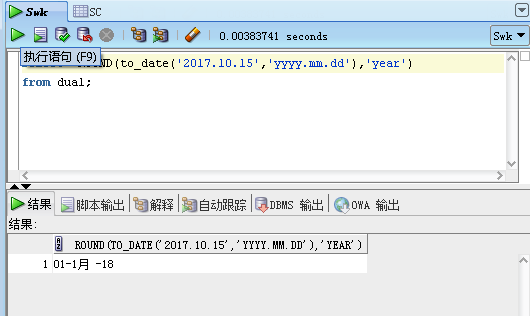
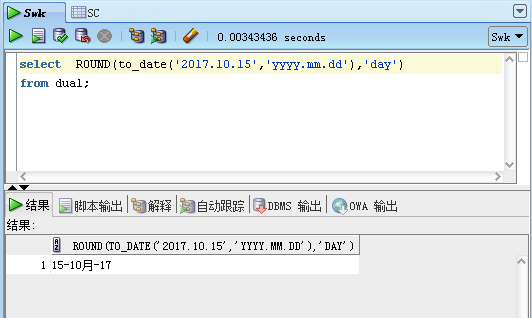
 

NEXT\_DAY（）

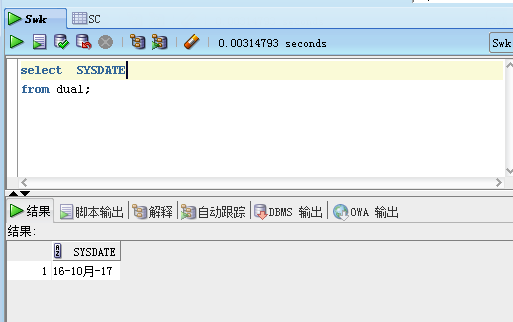


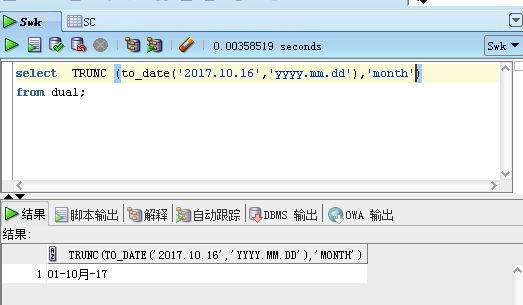
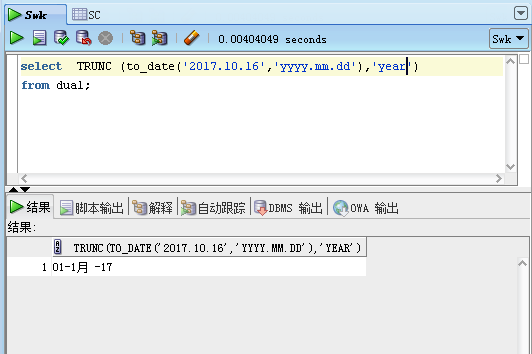
ROUND (date)

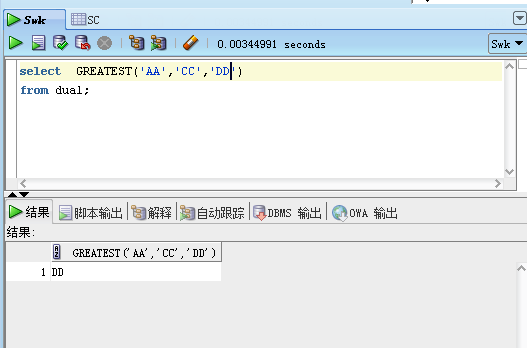
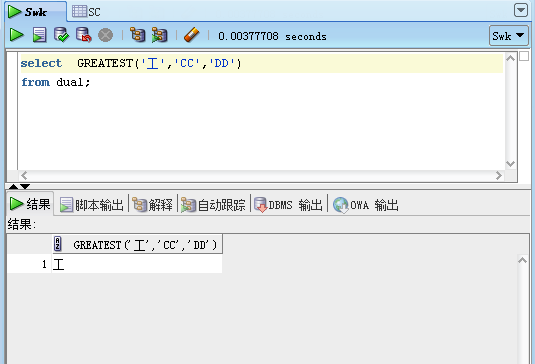
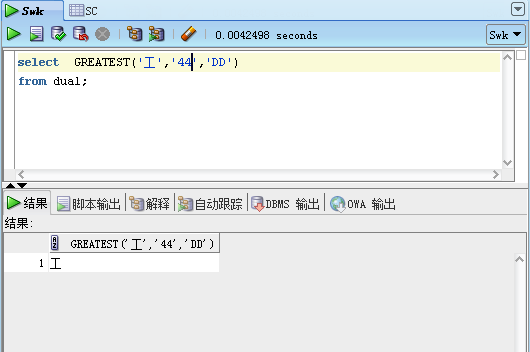
**Sysdate**



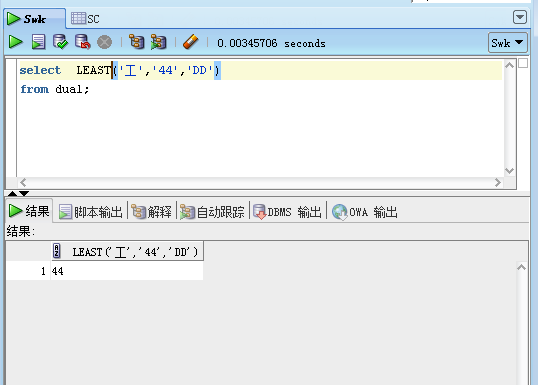
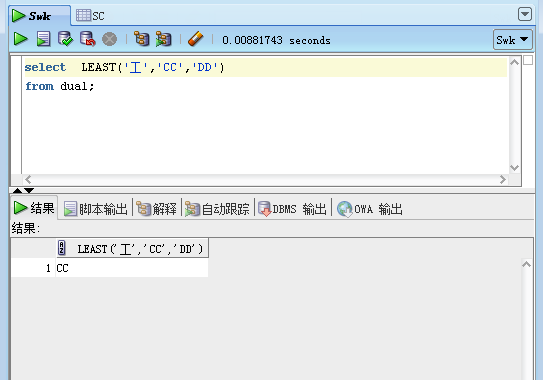
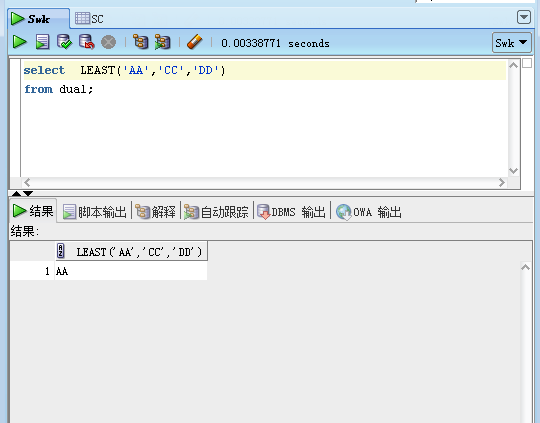
TRUNC (date)



**Greatest**

LEAST

         TO\_CHAR (datetime)

         TO\_CHAR (number)

         TO\_DATE

         TO\_NUMBER

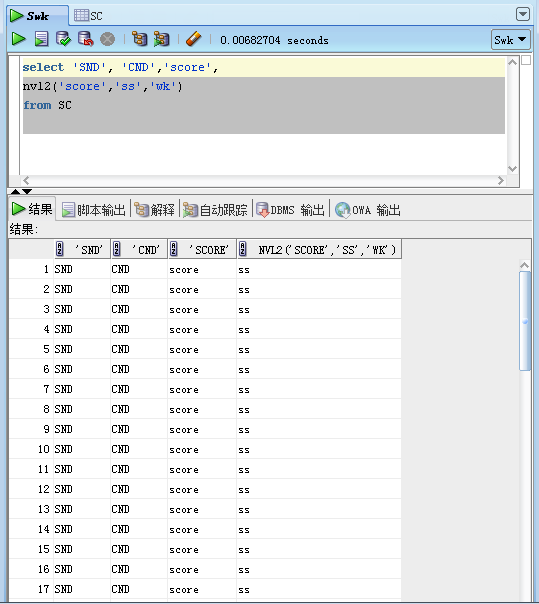
         DECODE

         COALESCE

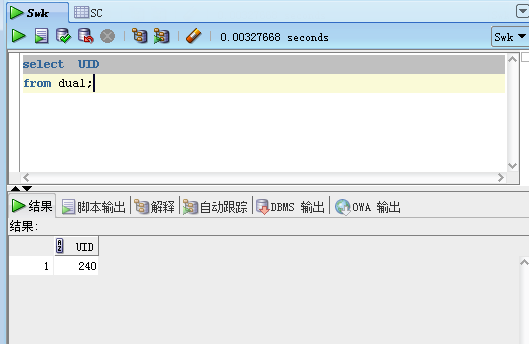
         NULLIF

         NVL

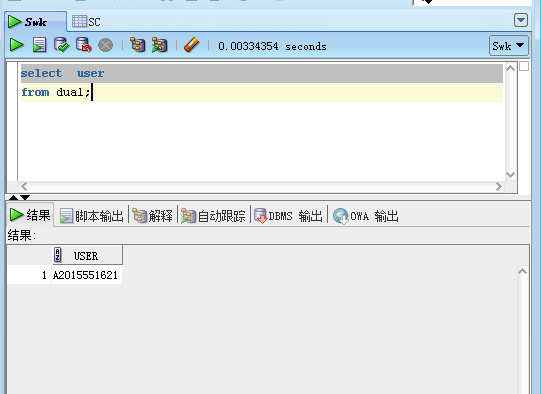
         NVL2



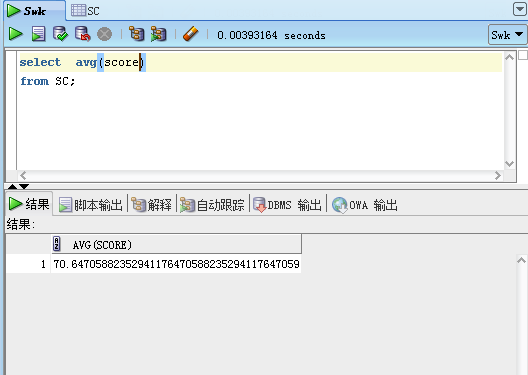
         UID



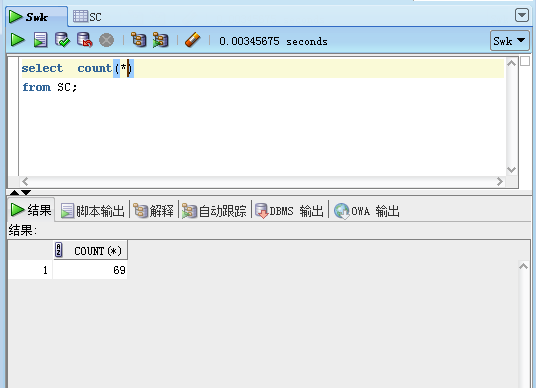
         USER



         AVG

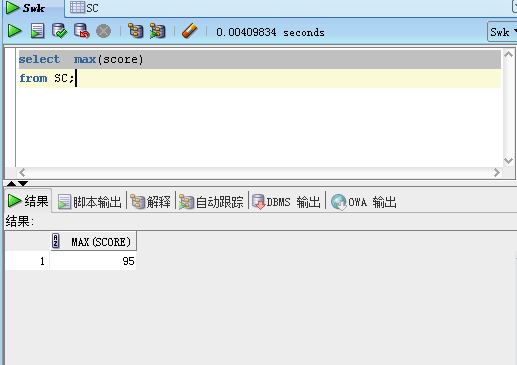


         COUNT

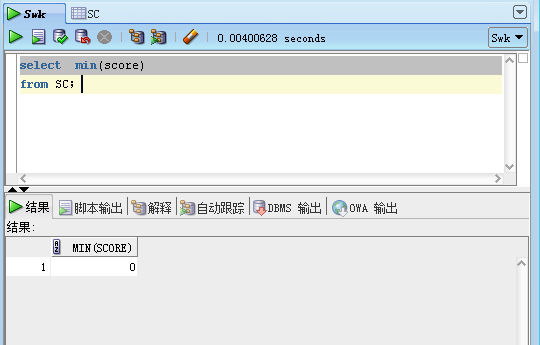


         DENSE\_RANK

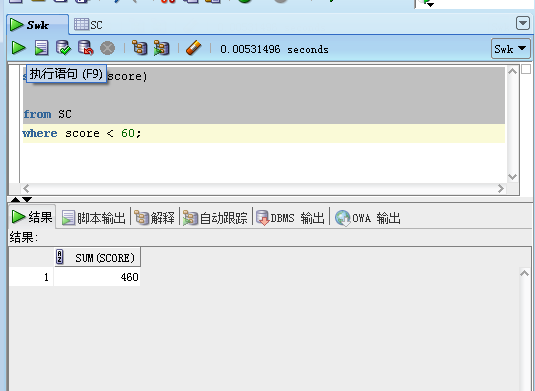
         MAX



         MIN

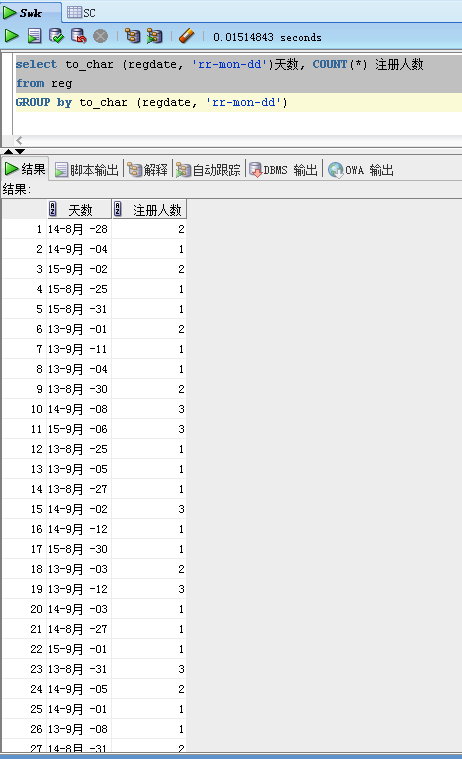


         SUM



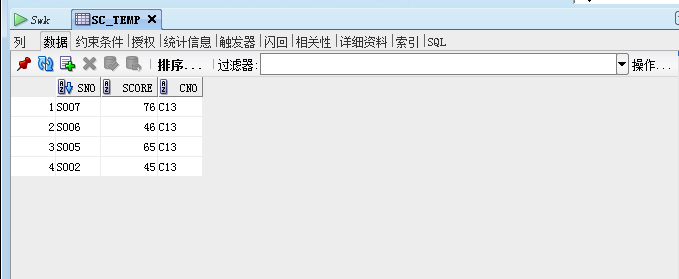
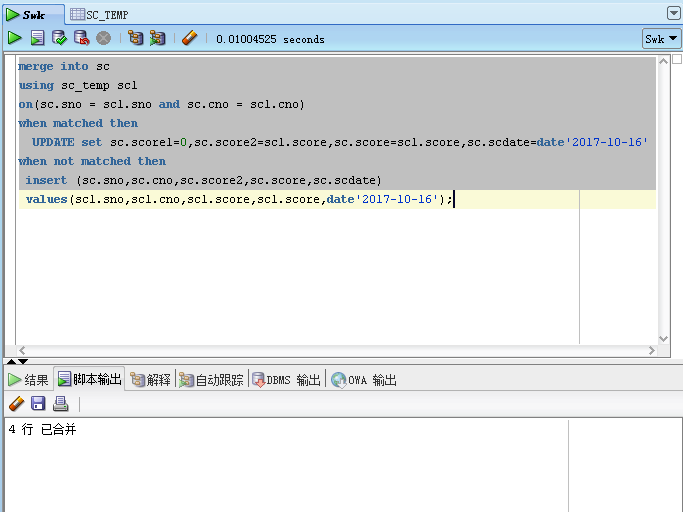
        row\_ RANK

2.  按天统计学生注册人数



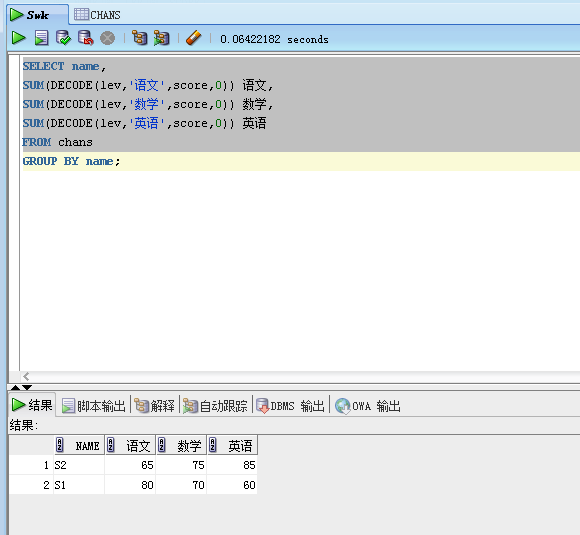
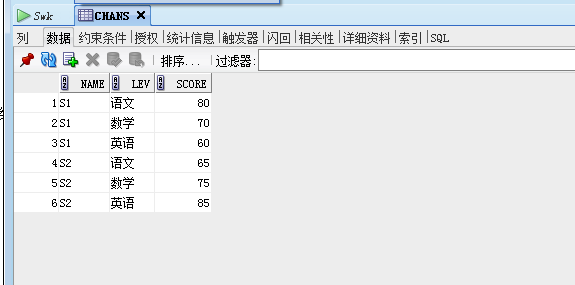
3.  将重修成绩表的记录按学校规定合并进成绩表

学校规定：没有参加该课程期末考试的学生，不能参加该课程的重修考试，即使考了也不登成绩。

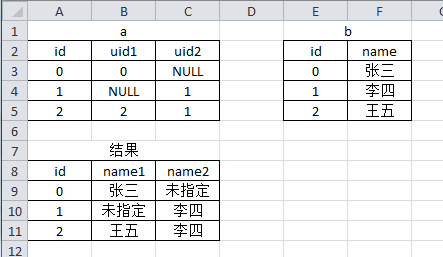


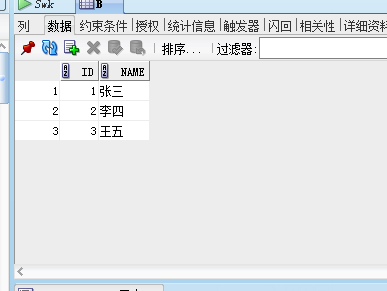
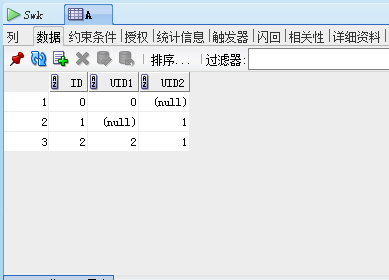
4. 行列转换

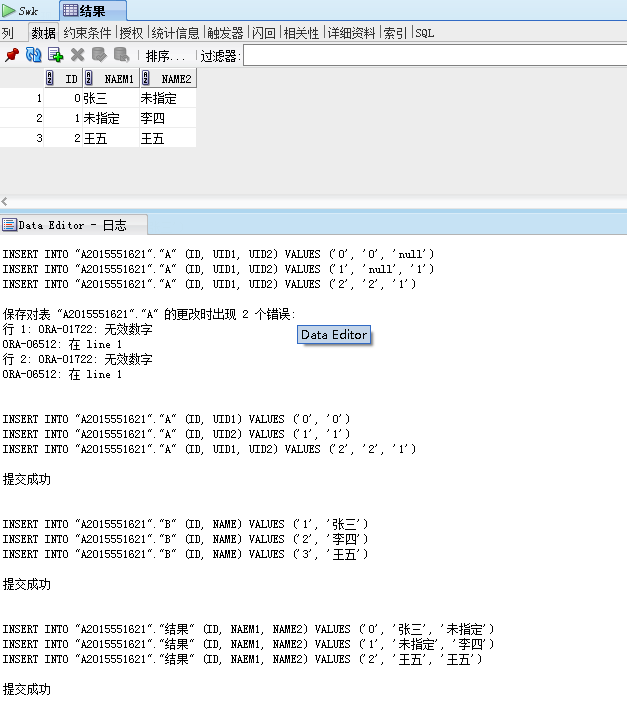
有如下表格，含姓名、科目与成绩三列，表中学生语文、数学和英语三科的成绩



5. 看图写SQL

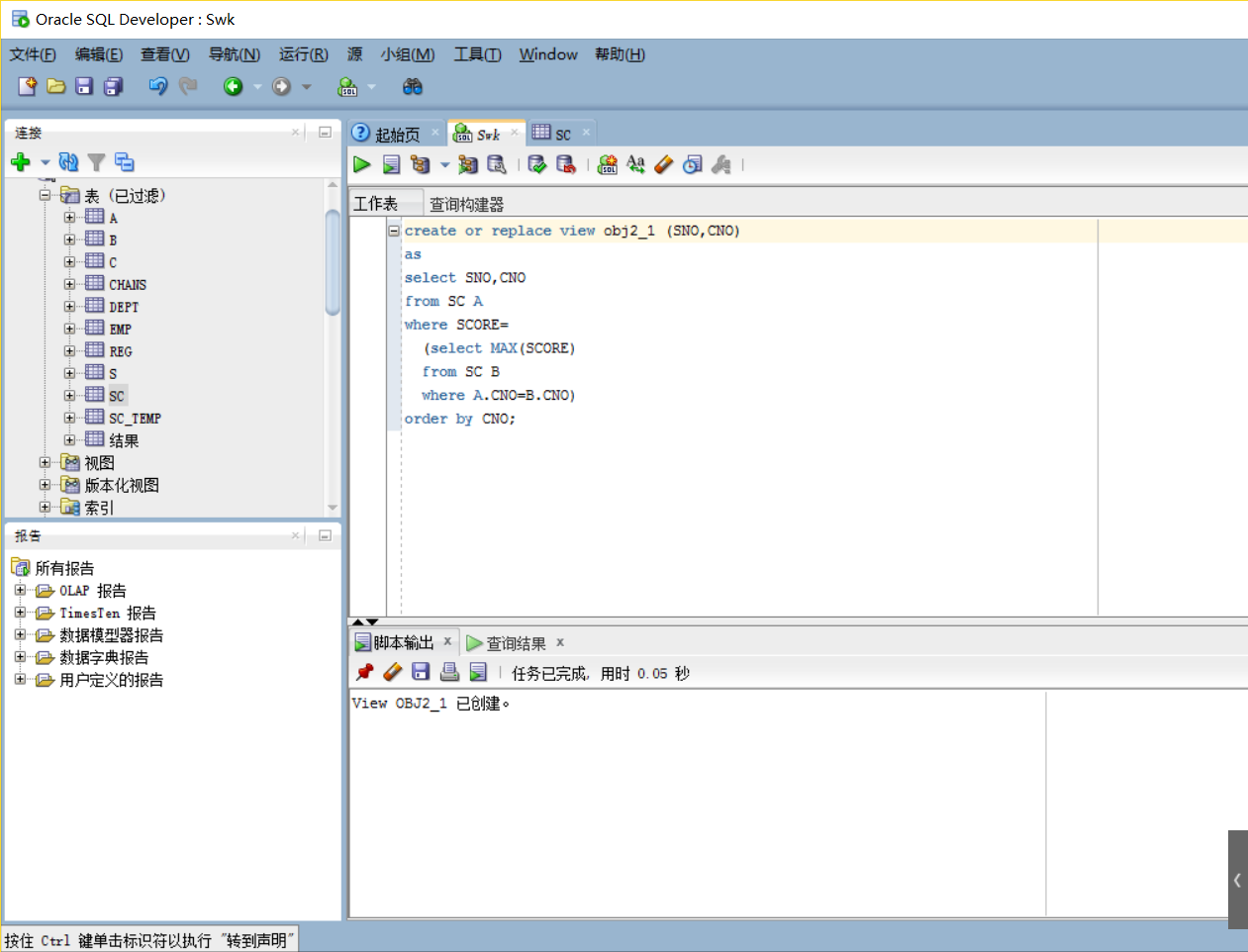




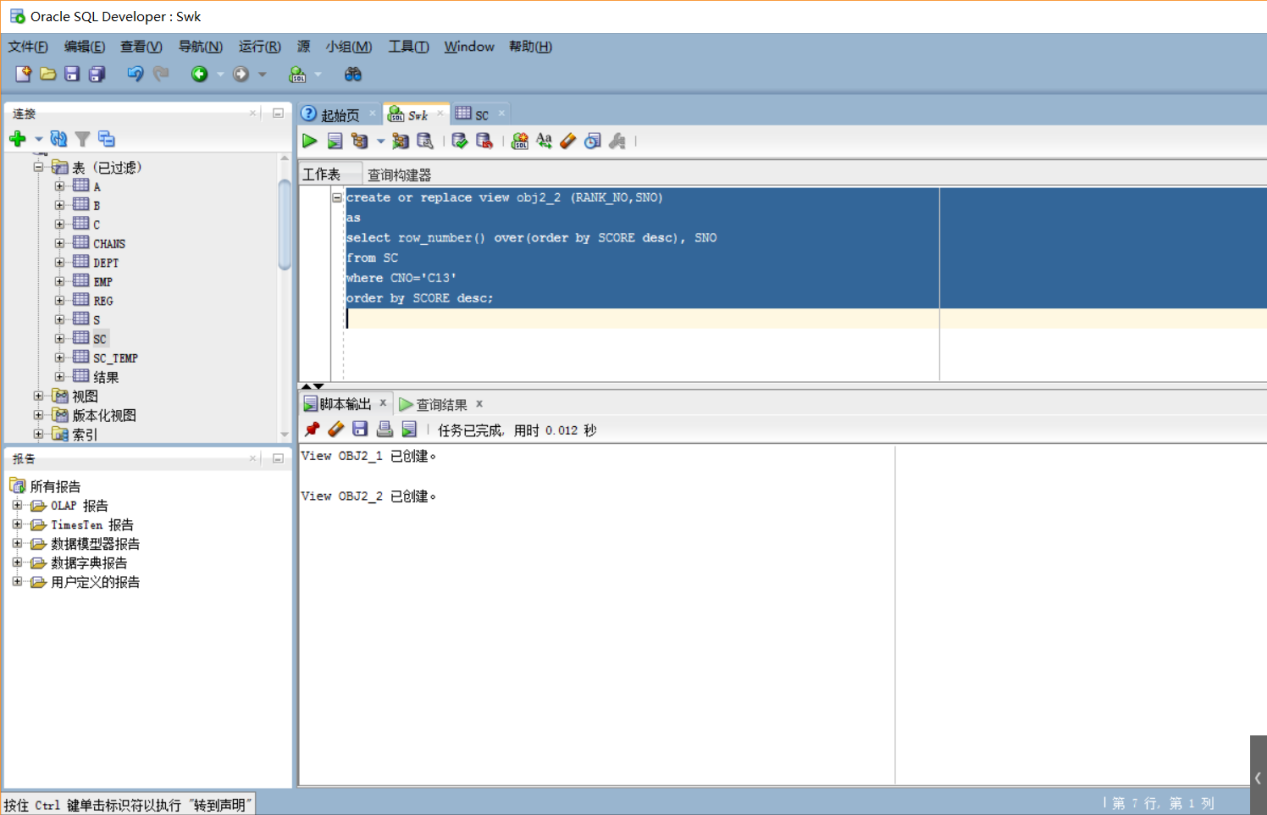


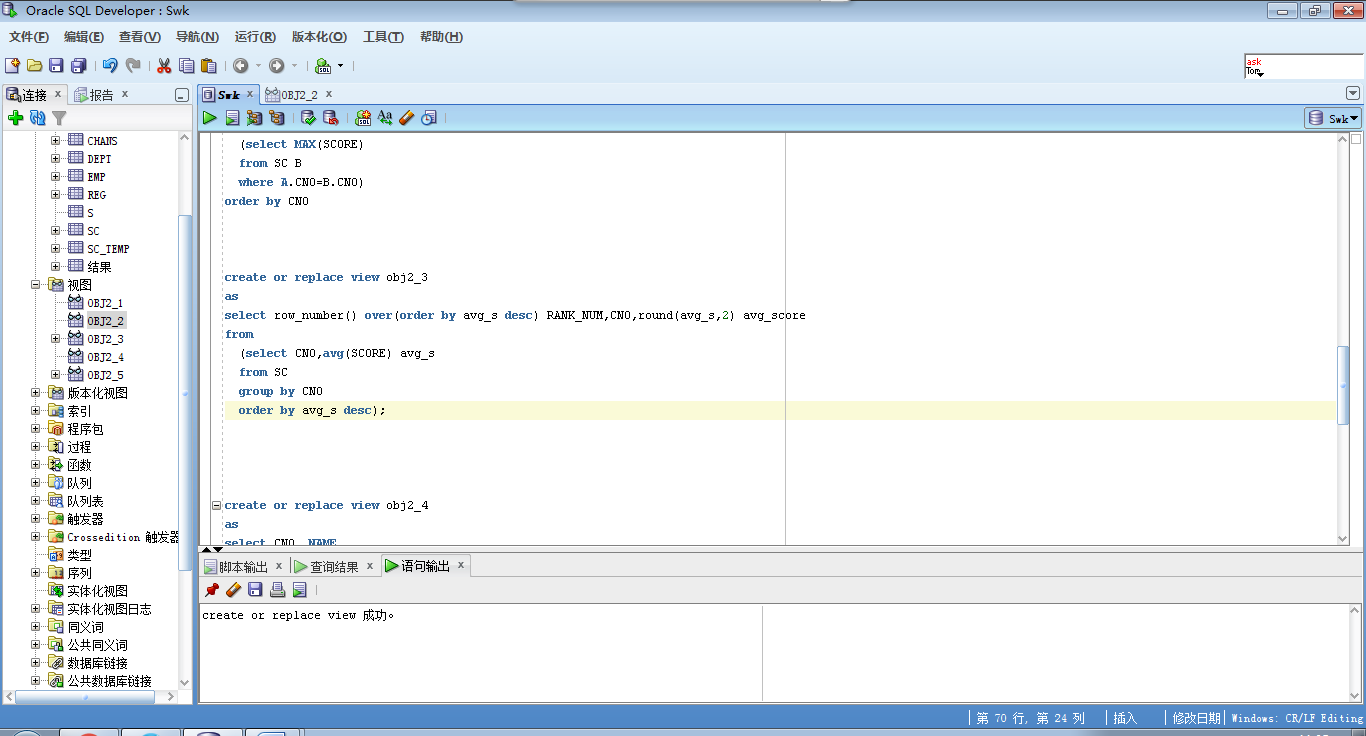
6.  创建视图，视图名依次命名为obj2\_1、obj2\_2、… 、obj2\_5

         查询每门课程考试成绩的第一名(可以并列)的学生的学号，按学号升序排列。

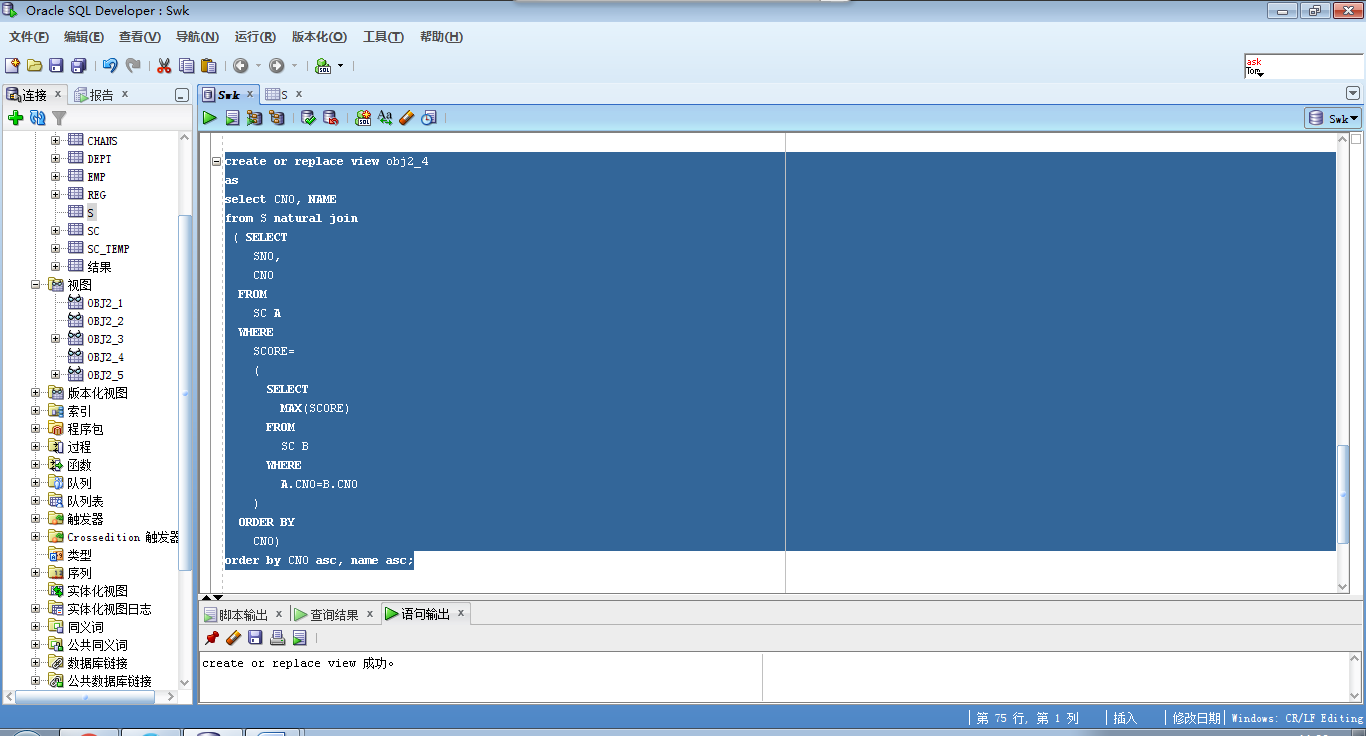


         对选修C13课程的学生，按分数跳跃式排名(可以并列)，显示名次与学号，按名次、学号升序排列。



         按平均分数对课程连续排名(可以并列)，显示名次、课程号与平均分数(保留2位小数)，按名次、课程号升序排列。

         查询每门课程的课程号，以及每门课程考试成绩第一名（可以并列）的学生的姓名，按课程号与姓名升序排列。



         列出工资在3500到5000之间的员工的姓名，但只取姓名的前5个字符，不足5个则以\*补足，按姓名升序排列。

