/\*（一）DML 测验\*/

--1

INSERT INTO student(sNo,sName,mNo,sSex,sNative,sBirth,sHeight,sWeight)

VALUES('10154050101', '李明帝', '061201', '男', '湖南常德', '1995-08-12',171,65)

GO

/\*原因:将截断字符串或二进制数据。学号数超过存储范围\*/

INSERT INTO student(sNo,sName,mNo,sSex,sNative,sBirth,sHeight,sWeight)

VALUES('101940102', '张强生', '060606', '男', '河北邯郸', '1994-08-12',166,55)

/\*原因:INSERT 语句与FOREIGN KEY 约束"FK\_student\_major"冲突。该冲突发生于数据库"stuManage2"，表"dbo.major", column 'mNO'。\*/

insert into student(sNo,sName,mNo,sSex,sNative,sBirth,sHeight,sWeight)

values('101540501', '李明帝', '061201', '男', '湖南常德', '1995-08-12',171,65)

go

insert into student(sNo,sName,mNo,sSex,sNative,sBirth,sHeight,sWeight)

values('101940102', '张强生', '061201', '男', '河北邯郸', '1994-08-12',166,55)

go

--2

update student set sHeight=sHeight+5

update student set sWeight=sWeight-1 where sSex='女'

--3

update teacher set tName='李波',tRank='讲师',tSex='男',tDegree='博士' where tName='陈潇潇'

/\*（三）多表查询测验\*/

--1、查询出跟“张凡”同一个藉贯，且年龄比她大的学生。

select \*

from student

where sNative=(

select sNative

from student

where sname='张凡'

)

and

(GETDATE()-sbirth)>(

select(GETDATE()-sbirth) as '年龄'

from student

where sName='张凡'

)

--2、求其他系中比计算机系所有学生年龄都小的学生。

select \*

from department,student

where dName!='计算机系' and year(getdate())-year(sbirth)<(

select min(year(getdate())-year(sbirth)) as '最小年龄'

from department,student

where dName='计算机系'

)

--3、查询每一个学生的课程选修情况（包括没选课的），要求显示学号，姓名，开课编号及成绩，优先显示没选课的同学信息。

select s.sNo,sName,ccNO,Mark

from student s,student\_course sc

where s.sNO=sc.sNO

group by s.sNO,sName,ccNO,Mark

order by mark asc

--4、查询出高等数学课程的成绩高于刘晨成绩的学生学号和成绩。

select sNO,Mark

from student\_course sc,course c,course\_class cc

where cc.ccNO=sc.ccNO and c.cNO=cc.cNO and c.cName='高等数学' and sc.Mark>(

select Mark

from student s,student\_course sc,course c,course\_class cc

where s.sName='刘晨' and s.sNO=sc.ccNO and sc.ccNO=cc.ccNO and c.cName='高等数学' and c.cNO=cc.cNO

)

--5、求至少选修了学号为“090120206”的学生所选修全部课程的学生学号和姓名。

select distinct s.sNo,sName

from student s,student\_course sc

where not exists

(

select \*

from student\_course a

where a.sNO='090120206' and not exists

(

select \*

from student\_course b

where b.ccNO=a.ccNO and

a.sNo=sc.sNO

)

)