CREATE PROCEDURE show\_course\_Mark1

(@cno CHAR(6),

@stuCount int output,

@avgMark FLOAT OUTPUT,

@ratioPass FLOAT OUTPUT)

AS

BEGIN

DECLARE @passCount INT

SELECT @stuCount=COUNT(\*),@avgMark=AVG(mark)

FROM student\_course sc,course\_class cc

WHERE sc.ccNo=cc.ccNo AND cc.cNo=@cno

SELECT @passCount=COUNT(\*)

FROM student\_course sc,course\_class cc

WHERE sc.ccNo=cc.ccNo AND cc.cNo=@cno AND mark>=60

SET @ratioPass=convert(FLOAT,@passCount)/@stuCount

END

BEGIN

DECLARE @stuCount INT

DECLARE @avgMark FLOAT

DECLARE @patiopass FLOAT

EXEC show\_course\_Mark1 '010101',@stuCount output,@avgMark output,@patiopass output

SELECT '010101' AS '课程号', @stuCount AS '人数',

@avgMark AS '平均分',@patiopass AS '及格率'

END

EXEC sp\_helptext 'list\_student\_department'

CREATE TRIGGER trig1

ON course

FOR INSERT,UPDATE,DELETE

AS

--'显示INSERTED表内容'

SELECT 'INSERTED表' AS 'INSERTED表', INSERTED.\*

FROM INSERTED

-- '显示DELETED表内容'

SELECT 'DELETED表' AS'DELETED表', DELETED.\*

FROM DELETED

INSERT INTO course

VALUES('090009','数据库设计与开发','010101')

GO

UPDATE course

SET cpNo='020101'

WHERE cNo='090009'

GO

DELETE course

WHERE cNo='090009'

SELECT s.sNo,sName,COUNT(\*) AS 'courseCOUNT',SUM(credit) AS 'sumCredit'

INTO stu\_credit

FROM student s,student\_course sc,course\_class cc

WHERE s.sNo=sc.sNo AND sc.ccNo=cc.ccNo

GROUP BY s.sNo,sName

CREATE TRIGGER trig01\_student\_course

ON student\_course

FOR INSERT

AS

BEGIN

DECLARE @sno VARCHAR(10)

DECLARE @ccno CHAR(10)

DECLARE @credit INT

SELECT @sno=sNo,@ccno=ccNo FROM INSERTED

SELECT @credit=credit

FROM course\_class WHERE ccNo=@ccno

UPDATE stu\_credit

SET courseCOUNT=courseCOUNT+1,sumcredit=sumcredit+@credit

WHERE sNo=@sno

END

--先查看表中数据学生信息

SELECT \*

FROM stu\_credit

WHERE sNo='081220101'

GO

--添加数据，触发器执行

INSERT INTO student\_course(sNo,ccNo)

VALUES('081220101','0312091006')

GO

--再次查看表中信息

SELECT \*

FROM stu\_credit

WHERE sNo='081220101'

ALTER TABLE course\_class

ADD validity BIT DEFAULT(1)

GO

UPDATE course\_class SET validity=1

GO

CREATE TRIGGER trig01\_course\_class

ON course\_class

INSTEAD OF DELETE

AS

BEGIN

DECLARE @ccno CHAR(10)

SELECT @ccno=ccNo FROM INSERTED

UPDATE course\_class

SET validity=0

WHERE ccNo=@ccno

DELETE

FROM student\_course

WHERE ccNo=@ccno

END

SELECT cc.ccNo,validity,sNo,mark

FROM course\_class cc LEFT JOIN student\_course sc

ON cc.ccNo=sc.ccNo WHERE cc.ccNo='2010020201'

GO

DELETE FROM course\_class

WHERE ccNo='2010020201'

GO

SELECT cc.ccNo,validity,sNo,mark

FROM course\_class cc LEFT JOIN student\_course sc

ON cc.ccNo=sc.ccNo WHERE cc.ccNo='2010020201'

--4

CREATE TRIGGER trig02\_student\_course

ON student\_course

FOR UPDATE

AS

BEGIN

DECLARE @nMark float,@eMark Float

declare @sno varchar(10),@ccno char(10)

select @nMark=normalmark,@eMark=ExamMark,@sno=sNo,@ccno=ccno

from student\_course

update student\_course

set Mark=CONVERT(int,@nmark\*0.2+@emark\*0.8)

where sNO=@sno and ccNO=@ccno

end

select \*

from student\_course

where sNO='081220101' and ccNO='0312091006'

go

update student\_course set NormalMark=80,ExamMark=90

where sNO='081220101' and ccNO='0312091006'

go

select \*

from student\_course

where sNO='081220101' and ccNO='0312091006'

--2

--(1)创建

create procedure show\_course\_Mark

(@cno char(6),

@stuCount int output,

@avgMark float output,

@radioPass float output)

as

begin

declare @passCount int

select @stuCount=COUNT(\*),@avgMark=AVG(mark)

from student\_course sc,course\_class cc

where sc.ccNO=cc.ccNO and cc.cNO=@cno

select @passCount=COUNT(\*)

FROM student\_course SC,course\_class CC

WHERE SC.ccNO=CC.ccNO AND CC.cNO=@cno AND Mark>=60

SET @radioPass=(froat,@passCount)/@stuCount

end

--11111

SELECT tname as '姓名',tSex as '性别',trank,

case trank

when '教授' then '高级职称'

when '讲师' then '中级职称'

else

'初级职称'

end

from teacher

--给不同职称的老师赋职称等级，讲授归属高级职称，讲师归属中级职称，其它为初级职称

--2222

Update student\_course set normalmark=60

go

WHILE (SELECT avg(normalmark) FROM student\_course)<80

BEGIN

UPDATE student\_course

SET normalmark = normalmark \*1.08

if (SELECT MAX(normalmark) FROM student\_course)>95

break

END