一、

（6）写存储过程显示所有平均成绩小于给定班级号的平均成绩的学生的学号、

名字、平均成绩

调用该存储过程，并根据指定的班级号输出与其相应的结果。

/\*函数\*/

-- ----------------------------

-- Procedure structure for `show\_badStudents`

-- ----------------------------

DROP PROCEDURE IF EXISTS `show\_badStudents`;

DELIMITER ;;

CREATE DEFINER=`root`@`localhost` PROCEDURE `show\_badStudents`(IN CLASS varchar(6))

BEGIN

#Routine body goes here...

select sc.sno,sname,avg(grade) from student,sc

where sc.sno = student.sno

group by sno having avg(grade) <

(select avg(grade) from student,sc

where student.sno = sc.sno and student.classno = CLASS

group by student.classno);

END

;;

DELIMITER ;

/\*调用\*/

call show\_badStudents('Rj0801');

（8）创建一个触发器，当往SC表插入选修的课程时自动将该课程的学分累加到STUDENT表的该生的总学分（TOTALCREDIT）中，当从SC表中退课时自动从STUDENT表的该生的总学分中减去该课程的学分。

触发器代码：

/\*退课\*/

DELIMITER $$

CREATE TRIGGER del\_sc

after delete ON sc

FOR EACH ROW

BEGIN

update student

set totalCredit=totalCredit-

(select credit

from course

where OLD.cno=course.cno)

where student.sno = OLD.sno;

END;

/\*选课\*/

DELIMITER $$

CREATE TRIGGER ins\_sc

after insert ON sc

FOR EACH ROW

BEGIN

update student

set totalCredit=totalCredit+

(select credit

from course

where NEW.cno=course.cno)

where student.sno = NEW.sno;

END;