循环游标：

declare tmpName varchar(**20**) default '' ;

declare allName varchar(**255**) default '' ;

declare cur1 CURSOR FOR SELECT name FROM test.level ;

FETCH cur1 INTO tmpName;

declare CONTINUE HANDLER FOR SQLSTATE '02000' SET tmpname = null;

drop procedure if exists useCursor //

CREATE PROCEDURE useCursor()

BEGIN

WHILE ( tmpname is not null) DO

set tmpName = CONCAT(tmpName ,";") ;

set allName = CONCAT(allName ,tmpName) ;

END WHILE;

CLOSE cur1;

select allName ;

END;//

WHILE expression DO

Statements;

END WHILE

//实例

DECLARE num INT;

DECLARE my\_string VARCHAR(**255**);

SET num =**1**;

SET str ='';

WHILE num < span>10 DO

SET my\_string =CONCAT(my\_string,num,',');

SET num = num +**1**;

END WHILE;

DELIMITER $$

DROP PROCEDURE IF EXITS cursor\_example$$

CREATE PROCEDURE cursor\_example()

     READS SQL DATA

BEGIN

     DECLARE l\_employee\_id INT;

     DECLARE l\_salary NUMERIC(**8**,**2**);

     DECLARE l\_department\_id INT;

     DECLARE done INT DEFAULT **0**;

     DECLARE cur1 CURSOR FOR SELECT employee\_id, salary, department\_id FROM employees;

     DECLARE CONTINUE HANDLER FOR NOT FOUND SET done=**1**;

     OPEN cur1;

     emp\_loop: LOOP

         FETCH cur1 INTO l\_employee\_id, l\_salary, l\_department\_id;

         IF done=**1** THEN

             LEAVE emp\_loop;

         END IF;

     END LOOP emp\_loop;

     CLOSE cur1;

END$$

DELIMITER ;

/\*创建过程\*/

DELIMITER //

DROP PROCEDURE IF EXISTS test //

CREATE PROCEDURE test()

BEGIN

    DECLARE done INT DEFAULT **0**;

    DECLARE a VARCHAR(**200**) DEFAULT '';

    DECLARE c VARCHAR(**200**) DEFAULT '';

    DECLARE mycursor CURSOR FOR SELECT  fusername FROM uchome\_friend;

    DECLARE CONTINUE HANDLER FOR NOT FOUND SET done=**1**;

    OPEN mycursor;

    REPEAT

        FETCH mycursor INTO a;

        IF NOT done THEN

            SET c=CONCAT(c,a);/\*字符串相加\*/

        END IF;

    UNTIL done

END REPEAT;

    CLOSE mycursor;

    SELECT c;

END //

DELIMITER ;