1

CREATE DATABASE 1101003610\_company;

USE 1101003610\_company;

2.

CREATE TABLE deptsal(

dept\_no INT NOT NULL PRIMARY KEY,

totalsalary INT

);

3.

DELIMITER //

CREATE PROCEDURE updateSalary(IN departmentID int)

BEGIN

UPDATE deptsal SET totalsalary = (SELECT SUM(salary) FROM employee WHERE dept\_no = departmentID) WHERE dept\_no = departmentID;

END //

DELIMITER ;

INSERT INTO deptsal VALUES

(1, 0),

(2, 0),

(3, 0);

CALL updateSalary(1);

CALL updateSalary(2);

CALL updateSalary(3);

SELECT \* FROM deptsal;

4.

SHOW PROCEDURE STATUS;

5.

DROP PROCEDURE updateSalary;

6.

UPDATE deptsal SET totalsalary = 0;

7.

delimiter //

CREATE PROCEDURE updateSalary()

BEGIN

DECLARE i INT;

SET i = 1;

REPEAT

UPDATE deptsal SET totalsalary = (SELECT SUM(salary) FROM employee WHERE dept\_no = i) WHERE dept\_no = i;

SET i = i + 1;

UNTIL i >= 4

END REPEAT;

END //

8.

Skip this step.

9.

DELIMITER //

CREATE PROCEDURE updateSalaryBy10p()

BEGIN

DECLARE i INT;

SET i = 1;

REPEAT

UPDATE deptsal SET totalsalary = (SELECT totalsalary) \* 1.10 WHERE dept\_no = i;

SET i = i + 1;

UNTIL i >= 4

END REPEAT;

END //

DELIMITER ;