ALI ASKARI ZAIDI

SECTION A

1. **Create store procedure with no parameter**

Solution:

DELIMITER //

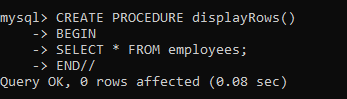


CREATE PROCEDURE displayRows()

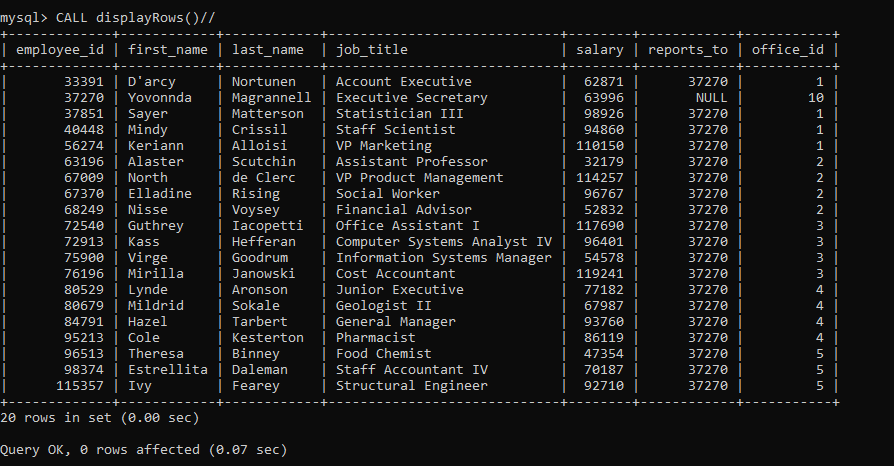
BEGIN

SELECT \* FROM employees;

END//



CALL displayRows()//



1. **Create store procedure with IN parameter (optional two or more parameters)**

Solution:

CREATE PROCEDURE fetchDataOfPerson(IN emp\_id int, IN name varchar(255))

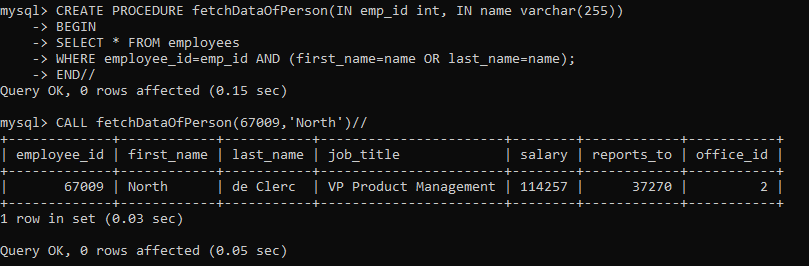
BEGIN

SELECT \* FROM employees

WHERE employee\_id=emp\_id AND (first\_name=name OR last\_name=name);

END//

CALL fetchDataOfPerson(67009,'North')//



**3. Create store procedure with OUT parameter (optional two or more parameters)**

Solution:

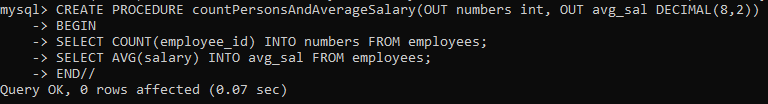
CREATE PROCEDURE countPersonsAndAverageSalary(OUT numbers int, OUT avg\_sal DECIMAL(8,2))

BEGIN

SELECT COUNT(employee\_id) INTO numbers FROM employees;

SELECT AVG(salary) INTO avg\_sal FROM employees;

END//

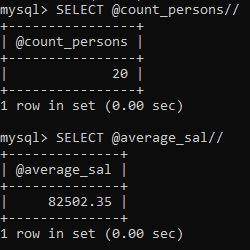


CALL countPersonsAndAverageSalary(@count\_Persons, @average\_Sal)//



SELECT @count\_persons//

SELECT @average\_sal//



1. **Create store procedure with INOUT parameter ()**

Solution:

CREATE PROCEDURE updateSalary(INOUT sal INT(11))

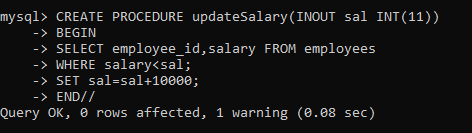
BEGIN

SELECT employee\_id,salary FROM employees

WHERE salary<sal;

SET sal=sal+10000;

END//

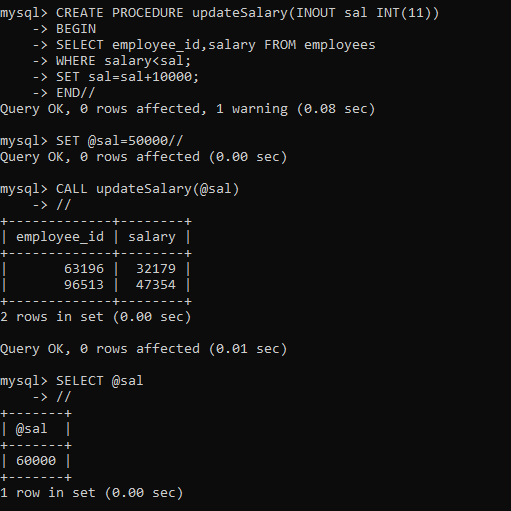


SET @sal=50000//

CALL updateSalary(@sal)

//

SELECT @sal



1. **USE IF ELSEIF, ELSE**

CREATE PROCEDURE SalaryStatus(IN emp\_id INT, OUT sal\_status VARCHAR(255))

BEGIN

DECLARE curr\_sal DECIMAL(8,2);

DECLARE avrg\_sal DECIMAL(8,2);

SELECT AVG(salary) INTO avrg\_sal FROM employees;

SELECT salary INTO curr\_sal FROM employees

WHERE emp\_id=employee\_id;

IF curr\_sal < avrg\_sal THEN

SET sal\_status='Less than Average salary';

ELSEIF curr\_sal=avrg\_sal THEN

SET sal\_status='Equal to average salary';

ELSEIF curr\_sal>avrg\_sal THEN

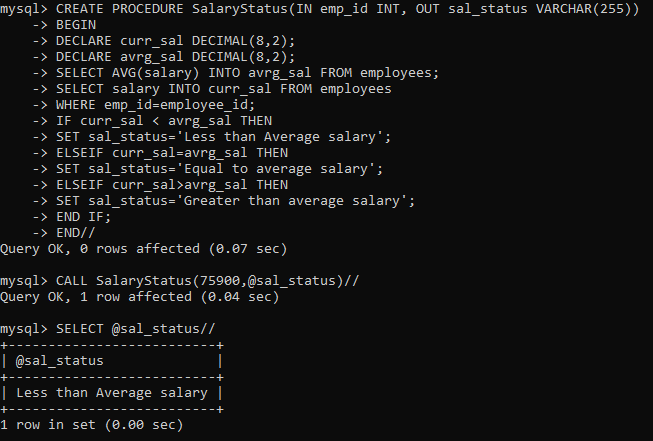
SET sal\_status='Greater than average salary';

END IF;

END//

CALL SalaryStatus(75900,@sal\_status)//

SELECT @sal\_status//



1. **Drop any one store procedure**

DROP PROCEDURE IF EXISTS SalaryStatus//

CALL SalaryStatus(75900,@sal\_status)//

