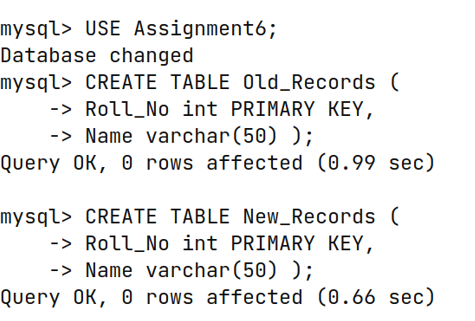
**DBMS Lab**

**Assignment No. 6 (Cursors in MySQL)**

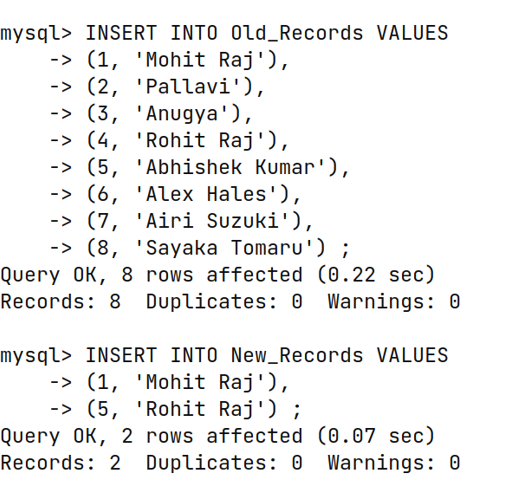
**Title**:- Write a PL/SQL block of code using parameterized Cursor that will merge the data available in the newly created table N\_RollCall with the data available in the table O\_RollCall. If the data in the first table already exist in the second table then that data should be skipped.

**Screenshots:-**

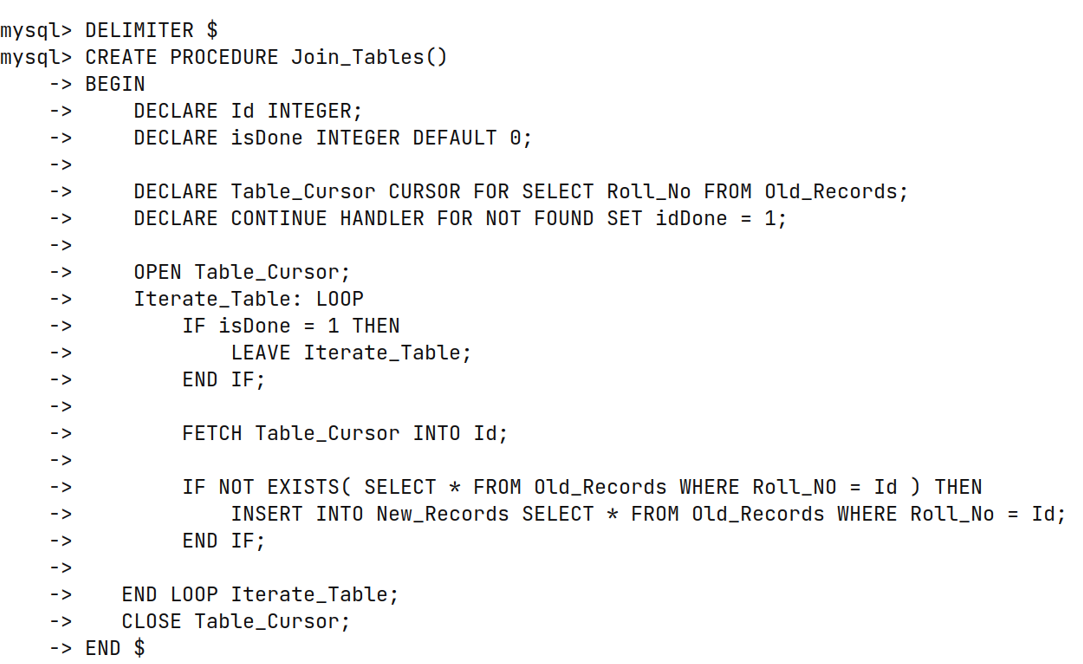
Creating Tables

****

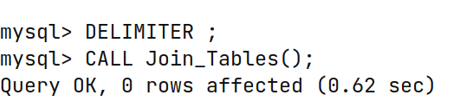
Inserting Data into Tables



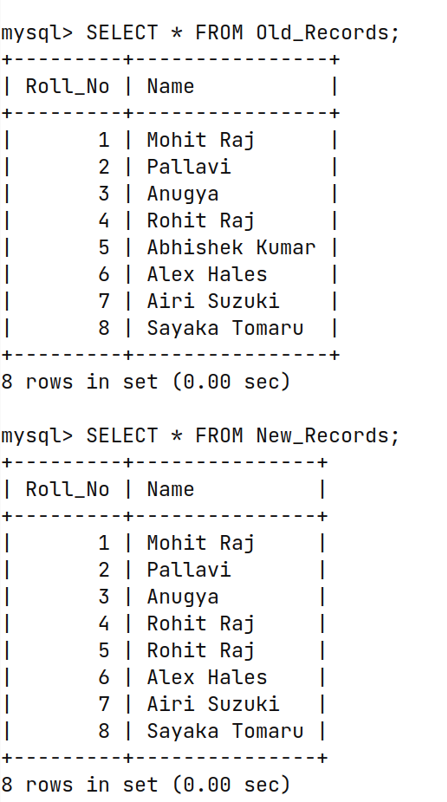
Procedure Join\_Tables



Invoking Procedure



Merging Tables Result



CREATE PROCEDURE UPDATE\_TABLE()

BEGIN

DECLARE ORNO INTEGER;

DECLARE NRNO INTEGER;

DECLARE ONAME VARCHAR(30);

DECLARE NNAME VARCHAR(30);

DECLARE DONE INTEGER DEFAULT FALSE;

DECLARE CO CURSOR FOR SELECT \* FROM O\_RollCall;

DECLARE CN CURSOR FOR SELECT \* FROM N\_RollCall;

DECLARE CONTINUE HANDLER FOR NOT FOUND SET DONE = TRUE;

OPEN CO;

LOOPCO: LOOP

FETCH CO INTO ORNO, ONAME;

IF DONE THEN LEAVE LOOPCO;

END IF;

OPEN CN;

LOOPCN: LOOP

FETCH CN INTO NRNO, NNAME;

IF ORNO = NRNO AND ONAME = NNAME THEN

CLOSE CN;

LEAVE LOOPCN;

END IF;

IF DONE THEN INSERT INTO N\_RollCall VALUES(ORNO, ONAME);

SET DONE = FALSE;

CLOSE CN;

LEAVE LOOPCN;

END IF;

END LOOP;

END LOOP;

CLOSE CO;

SELECT \* FROM O\_RollCall;

SELECT \* FROM N\_RollCall;

END //