**Name: Shraddha Rajkumar Kotwar**

**Rollno.: 18**

**batch : T1**

**ASSIGNMENT 07**

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 existing the second table then that data should

be skipped.

mysql> use Shraddha;

Database changed

mysql> show tables;

+-------------------+

| Tables\_in\_Shraddha |

+-------------------+

| a |

| area2 |

| areas |

| borrower |

| emp |

| emp1 |

| emp\_audit |

| fine |

| stu\_info |

| stud\_info |

| stud\_marks |

| stud\_result |

+-------------------+

12 rows in set (0.00 sec)

mysql> select \* from stu\_info;

+------+------+----------+

| rno | name | address |

+------+------+----------+

| 1 | a | Nasik |

| 2 | b | Manmad |

| 3 | c | Chandwad |

| 4 | d | Pune |

+------+------+----------+

4 rows in set (0.02 sec)

mysql> select \* from stud\_info;

Empty set (0.00 sec)

mysql> select \* from stud\_marks;

+------+------+------+

| rno | dbms | cns |

+------+------+------+

| 1 | 20 | 30 |

| 2 | 20 | 39 |

| 3 | 30 | 50 |

| 5 | 70 | 80 |

+------+------+------+

4 rows in set (0.00 sec)

mysql> select \* from stud\_result;

+------+--------+--------+--------------+

| rno | name | Tmarks | Categoty |

+------+--------+--------+--------------+

| 1 | Ashika | 1480 | distinction |

| 2 | Sagar | 950 | First Class |

| 3 | Lesha | 855 | Second Class |

| 4 | Nikhil | 780 | Pass Class |

| 5 | Seema | 680 | NULL |

+------+--------+--------+--------------+

5 rows in set (0.01 sec)

mysql> delimiter //

mysql> create procedure cur1()

-> begin

-> declare rno1 int;

-> declare name1 varchar(20);

-> declare exit\_loop boolean;

-> declare c1 cursor for select rno,name from stu\_info;

-> declare continue handler for not found set exit\_loop=true;

-> open c1;

-> L1:loop

-> fetch c1 into rno1,name1;

-> select rno1,name;

-> if exit\_loop then

-> close c1;

-> leave l1;

-> end if;

-> end loop L1;

-> end

-> //

Query OK, 0 rows affected (0.02 sec)

mysql> create procedure cur2()

-> begin

-> declare rno1 int;

-> declare name1 varchar(20);

-> declare exit\_loop boolean;

-> declare c1 cursor for select rno,name from stu\_info;

-> declare continue handler for not found set exit\_loop=true;

-> open c1;

-> L1:loop

-> fetch c1 into rno1,name1;

-> select rno1,name1;

-> if exit\_loop then

-> close c1;

-> leave l1;

-> end if;

-> end loop L1;

-> end

-> //

Query OK, 0 rows affected (0.00 sec)

mysql> call cur2() //

+------+-------+

| rno1 | name1 |

+------+-------+

| 1 | a |

+------+-------+

1 row in set (0.00 sec)

+------+-------+

| rno1 | name1 |

+------+-------+

| 2 | b |

+------+-------+

1 row in set (0.00 sec)

+------+-------+

| rno1 | name1 |

+------+-------+

| 3 | c |

+------+-------+

1 row in set (0.00 sec)

+------+-------+

| rno1 | name1 |

+------+-------+

| 4 | d |

+------+-------+

1 row in set (0.00 sec)

+------+-------+

| rno1 | name1 |

+------+-------+

| 4 | d |

+------+-------+

1 row in set (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

mysql> delimiter ;

mysql> create table o\_rollcall(rno int(3) primary key,name varchar(20),address varchar(20));

Query OK, 0 rows affected (0.98 sec)

mysql> create table n\_rollcall(rno int(3) primary key,name varchar(20),address varchar(20));

Query OK, 0 rows affected (0.98 sec)

mysql> insert into o\_rollcall values(1,'Shraddha','Manmad');

Query OK, 1 row affected (0.15 sec)

mysql> insert into o\_rollcall values(2,'Kavita','Chandwad');

Query OK, 1 row affected (0.15 sec)

mysql> insert into o\_rollcall values(3,'Rajiv','Nasik');

Query OK, 1 row affected (0.18 sec)

mysql> insert into o\_rollcall values(4,'Sanika','Pune');

Query OK, 1 row affected (0.14 sec)

mysql> select \* from o\_rollcall;

+-----+---------+----------+

| rno | name | address |

+-----+---------+----------+

| 1 | Shraddha | Manmad |

| 2 | Kavita | Chandwad |

| 3 | Rajiv | Nasik |

| 4 | Sanika | Pune |

+-----+---------+----------+

4 rows in set (0.00 sec)

mysql> insert into n\_rollcall values(3,'Rajiv','Nasik');

Query OK, 1 row affected (0.15 sec)

mysql> select \* from n\_rollcall;

+-----+-------+---------+

| rno | name | address |

+-----+-------+---------+

| 3 | Rajiv | Nasik |

+-----+-------+---------+

1 row in set (0.01 sec)

mysql> delimiter //

mysql> create procedure cur\_roll()

-> begin

-> declare rno1 int;

-> declare exit\_loop boolean;

-> declare c1 cursor for select rno from o\_rollcall;

-> declare continue handler for not found set exit\_loop=true;

-> open c1;

-> L1:loop

-> fetch c1 into rno1;

->

-> If not exists(select \* from n\_rollcall where rno=rno1) then

-> insert into n\_rollcall select \* from o\_rollcall where rno=rno1;

-> End if;

->

-> if exit\_loop then

-> close c1;

-> leave l1;

-> end if;

-> end loop L1;

-> end

-> //

Query OK, 0 rows affected (0.01 sec)

mysql> select \* from o\_rollcall //

+-----+---------+----------+

| rno | name | address |

+-----+---------+----------+

| 1 | Shraddha| Manmad |

| 2 | Kavita | Chandwad |

| 3 | Rajiv | Nasik |

| 4 | Sanika | Pune |

+-----+---------+----------+

4 rows in set (0.00 sec)

mysql> call cur\_roll() //

Query OK, 0 rows affected (0.69 sec)

mysql> select \* from o\_rollcall //

+-----+---------+----------+

| rno | name | address |

+-----+---------+----------+

| 1 | Shraddha | Manmad |

| 2 | Kavita | Chandwad |

| 3 | Rajiv | Nasik |

| 4 | Sanika | Pune |

+-----+---------+----------+

4 rows in set (0.00 sec)

mysql> select \* from n\_rollcall //

+-----+---------+----------+

| rno | name | address |

+-----+---------+----------+

| 1 | Shraddha | Manmad |

| 2 | Kavita | Chandwad |

| 3 | Rajiv | Nasik |

| 4 | Sanika | Pune |

+-----+---------+----------+

4 rows in set (0.01 sec)

mysql> select \* from n\_rollcall //

+-----+---------+----------+

| rno | name | address |

+-----+---------+----------+

| 1 | Shraddha | Manmad |

| 2 | Kavita | Chandwad |

| 3 | Rajiv | Nasik |

| 4 | Sanika | Pune |

+-----+---------+----------+

4 rows in set (0.00 sec)

mysql> call cur\_roll() //

Query OK, 0 rows affected (0.00 sec)

mysql> select \* from n\_rollcall //

+-----+---------+----------+

| rno | name | address |

+-----+---------+----------+

| 1 | Shraddha | Manmad |

| 2 | Kavita | Chandwad |

| 3 | Rajiv | Nasik |

| 4 | Sanika | Pune |

+-----+---------+----------+

4 rows in set (0.00 sec)

mysql>