

ASSIGNMENT NO : 7 (A)

Name : Ronak Sanjay Rahane

Roll No : 26

Batch : TE - B2

PROBLEM STATEMENT :

Cursors:(All types: Implicit, Explicit, Cursor FOR Loop, Parameterized Cursor) Write a PL/SQL block of code using parameterized Cursor that will merge the data available in the newly created table N_Roll Call 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.

Output :

```
gescoe@gescoe-OptiPlex-3010:~$ mysql -h 192.168.2.232 -u TEA26 -p
```

```
Enter password:
```

```
Welcome to the MySQL monitor. Commands end with ; or \g.
```

```
Your MySQL connection id is 26
```

```
Server version: 5.6.41 MySQL Community Server (GPL)
```

```
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```

```
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affiliates. Other names may be trademarks of their respective  
Owners.
```

```
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
```

```
mysql> create database TEB_26;
```

```
Query OK, 1 row affected (0.00 sec)
```

```
mysql> use TEB_26;
```

```
Database changed
```

```
mysql> create table N_RollCall(rollno int,name varchar(20));
```

```
Query OK, 0 rows affected (0.29 sec)
```

```
mysql> create table O_RollCall(rollno int,name varchar(20));
```

```
Query OK, 0 rows affected (0.40 sec)
```

```
mysql> insert into N_RollCall values(1,'Ronak');
```

```
Query OK, 1 row affected (0.05 sec)
```

```
mysql> insert into N_RollCall values(2,'Raj');
```

```
Query OK, 1 row affected (0.05 sec)
```

```
mysql> insert into N_RollCall values(5,'yash');Query OK, 1 row affected (0.06 sec)
```

```
mysql> insert into N_RollCall values(6,'maya');
```

Query OK, 1 row affected (0.05 sec)
mysql> insert into O_RollCall values(1,'Ronak');
Query OK, 1 row affected (0.04 sec)
mysql> insert into O_RollCall values(2,'Raj');
Query OK, 1 row affected (0.06 sec)
mysql> insert into O_RollCall values(3,'vendanti');
Query OK, 1 row affected (0.04 sec)
mysql> insert into O_RollCall values(4,'Bhagesh');
Query OK, 1 row affected (0.05 sec)
mysql> select * from N_RollCall;

```
+-----+-----+
| rollno | name |
+-----+-----+
| 1 | Ronak |
| 2 | Raj |
| 5 | yash |
| 6 | maya |
+-----+-----+
```

4 rows in set (0.00 sec)

mysql> select * from O_RollCall;

```
+-----+-----+
| rollno | name |
+-----+-----+
| 1 | Ronak |
| 2 | Raj |
| 3 | vendanti |
| 4 | Bhagesh |
+-----+-----+
```

4 rows in set (0.00 sec)

mysql> drop procedure if exists mycursor1;
Query OK, 0 rows affected, 1 warning (0.00 sec)mysql>
mysql> delimiter //

mysql>

mysql> CREATE PROCEDURE mycursor1()

-> BEGIN

-> DECLARE done INT DEFAULT 0;

-> DECLARE c_rollno int;

-> DECLARE c_name char(20);

->

-> DECLARE c_studentN CURSOR for SELECT rollno,name FROM
O_RollCall where rollno not in(select rollno from N_RollCall);

->

-> DECLARE CONTINUE HANDLER FOR NOT FOUND SET done = 1;

->

```

-> BEGIN
-> OPEN c_studentN;
-> read_loop:LOOP
-> FETCH c_studentN into c_rollno, c_name;
->
-> IF done = 1 THEN
-> LEAVE read_loop;
-> END IF;
->
-> insert into N_RollCall(rollno,name) values(c_rollno, c_name);
->
-> END LOOP;
-> CLOSE c_studentN;
-> END;
-> END;
->
-> //

```

Query OK, 0 rows affected (0.01 sec)

mysql>

mysql> delimiter ;

mysql> call mycursor1();

Query OK, 0 rows affected (0.09 sec)

mysql> select * from N_RollCall;

```
+-----+-----+
```

```
| rollno | name |
```

```
+-----+-----+
```

```
| 1 | Ronak |
```

```
| 2 | Raj |
```

```
| 5 | yash |
```

```
| 6 | maya |
```

```
| 3 | vendanti |
```

```
| 4 | Bhagesh |
```

```
+-----+-----+
```

6 rows in set (0.00 sec)

mysql>
