

ASSIGNMENT NO:7

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.

```
gescoe@gescoe-OptiPlex-3010:~$ mysql -h 192.168.2.232 -u TEB39 -p
```

Enter password:

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

Your MySQL connection id is 13

Server version: 5.6.41 MySQL Community Server (GPL)

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

```
MySQL [(none)]> create database TEB_39;
```

Query OK, 1 row affected (0.001 sec)

```
MySQL [(none)]> use TEB_39;
```

Database changed

```
MySQL [TEB_39]> create table N_RollCall(rollno int,name char(20));
```

Query OK, 0 rows affected (0.281 sec)

```
MySQL [TEB_39]> create table O_RollCall(rollno int,name char(20));
```

Query OK, 0 rows affected (0.299 sec)

```
MySQL [TEB_39]> insert into O_RollCall
```

```
values(1,'Omkar'),(2,'Punam'),(3,'Harshali'),(4,'Sayali');
```

Query OK, 4 rows affected (0.041 sec)

Records: 4 Duplicates: 0 Warnings: 0

```
MySQL [TEB_39]> insert into N_RollCall
```

```
values(1,'Omkar'),(5,'Omkar'),(3,'Harshali'),(6,'Gaurav');
```

Query OK, 4 rows affected (0.048 sec)

Records: 4 Duplicates: 0 Warnings: 0

```
MySQL [TEB_39]> drop procedure if exists mycursor1;
```

Query OK, 0 rows affected, 1 warning (0.000 sec)

```
MySQL [TEB_39]>
```

```
MySQL [TEB_39]> delimiter //
```

```
MySQL [TEB_39]>
```

```

MySQL [TEB_39]> 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 (0.009 sec)

```
MySQL [TEB_39]>
```

```
MySQL [TEB_39]> delimiter ;
```

```
MySQL [TEB_39]> call mycursor1;
```

Query OK, 0 rows affected (0.094 sec)

```
MySQL [TEB_39]> select * from N_RollCall;
```

```

+-----+-----+
| rollno | name |
+-----+-----+
|      1 | Omkar |
|      5 | Omkar |
|      3 | Harshali |
|      6 | Gaurav |
|      2 | Punam |
|      4 | Sayali |
+-----+-----+

```

