**Assignment Group: A**

**Assignment NO 7**

**Assignment Title**: 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 TEB19 -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)

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

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

MySQL [(none)]> create database TEB19;

Query OK, 1 row affected (0.001 sec)

MySQL [(none)]> use TEB19;

Database changed

MySQL [TEB19]> create table N\_RollCall(rollno int,name char(20));

Query OK, 0 rows affected (0.281 sec)

MySQL [TEB19]> create table O\_RollCall(rollno int,name char(20));

Query OK, 0 rows affected (0.299 sec)

MySQL [TEB19]> insert into O\_RollCall

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

Query OK, 4 rows affected (0.041 sec)

Records: 4 Duplicates: 0 Warnings: 0

MySQL [TEB19]> insert into N\_RollCall

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

Query OK, 4 rows affected (0.048 sec)

Records: 4 Duplicates: 0 Warnings: 0

MySQL [TEB19]> drop procedure if exists mycursor1;

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

MySQL [TEB19]>

MySQL [TEB19]> delimiter //

MySQL [TEB19]>

MySQL [TEB19]> 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 [TEB19]>

MySQL [TEB19]> delimiter ;

MySQL [TEB19]> call mycursor1;

Query OK, 0 rows affected (0.094 sec)

MySQL [TEB19]> select \* from N\_RollCall;

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

| rollno | name |

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

| 1 | Pranjal |

| 5 | Omkar |

| 3 | Harshali |

| 6 | Gaurav |

| 2 | Punam |

| 4 | Sayali |

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

6 rows in set (0.001 sec)

MySQL [TEB19]>