Group A : Lab Assignment No. 5

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

mysql> use Abhi;

Reading table information for completion of table and column names

You can turn off this feature to get a quicker startup with -A Database changed

mysql> create table o\_rollcall(roll\_no int,name varchar(20),address varchar(20));

Query OK, 0 rows affected (0.28 sec)

mysql> create table n\_rollcall(roll\_no int,namevarchar(20),address varchar(20));

Query OK, 0 rows affected (0.27 sec)

mysql> insert into o\_rollcall values('1','Hitesh','Nandura'); Query OK, 1 row affected (0.05 sec)

mysql> insert into o\_rollcall values('2','Piyush','MP');

Query OK, 1 row affected (0.06 sec)

mysql> insert into o\_rollcall values('3','Ashley','Nsk');

Query OK, 1 row affected (0.05 sec)

mysql> insert into o\_rollcall values('4','Kalpesh','Dhule');

Query OK, 1 row affected (0.05 sec)

mysql> insert into o\_rollcall values('5','Abhi','Satara');

Query OK, 1 row affected (0.04 sec)

mysql> delimiter //

mysql> create procedure p3(in r1 int)

-> begin

-> declare r2 int;

-> declare exit\_loop boolean;

-> declare c1 cursor for select roll\_no from o\_rollcall where roll\_no>r1;

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

-> open c1;

-> e\_loop:loop

-> fetch c1 into r2;

-> if not exists(select \* from n\_rollcall where roll\_no=r2)

-> then

-> insert into n\_rollcall select \* from o\_rollcall where roll\_no=r2;

-> end if;

-> if exit\_loop

-> then

-> close c1;

-> leave e\_loop;

-> end if;

-> end loop e\_loop;-> end

-> //

Query OK, 0 rows affected (0.00 sec)

mysql> call p3(3);

-> //

Query OK, 0 rows affected (0.10 sec)

mysql> select \* from n\_rollcall;

-> //

+ + + +

| roll\_no | name

| address |

+ + + +

| 4 | Kalpesh | Dhule |

| 5 | Abhi |

| Satara

+ + + + 2 rows in set (0.00 sec)

mysql> call p3(0);

-> //

Query OK, 0 rows affected (0.22 sec)

mysql> select \* from n\_rollcall;

-> //

+ + + +

| roll\_no | name

| address |

+ + + +

| 4 | Kalpesh | Dhule |

| 5 | Abhi | Satara |

| 1 | Hitesh | Nandura |

| 2 | Piyush | MP |

| 3 | Ashley | Nsk |+---------+---------+ +

5 rows in set (0.00 sec)

mysql> insert into o\_rollcall values('6','Patil','Kolhapur');

-> //

Query OK, 1 row affected (0.04 sec)

mysql> call p3(4);

-> //

Query OK, 0 rows affected (0.05 sec)

mysql> select \* from n\_rollcall;

-> //

+ + + +

| roll\_no | name

| address

|

+ + + +

| 4 | Kalpesh | Dhule |

| 5 | Abhi | Satara |

| 1 | Hitesh | Nandura |

| 2 | Piyush | MP |

| 3 | Ashley | Nsk |

| 6 | Patil | Kolhapur |

+ + + + 6 rows in set (0.00 sec) mysql>