Assignment 6

1. 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 availablein the newly created table N\_RollCall 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. Note: Instructor will frame the problem statement for writing PL/SQL block using all types of Cursors in line with above statement.

Database changed

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

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

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');

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

-> //

mysql> call p3(3);

-> //

mysql> select \* from n\_rollcall;

-> //

mysql> call p3(0);

-> //

mysql> select \* from n\_rollcall;

-> //

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

-> //

mysql> call p3(4);

-> //

mysql> select \* from n\_rollcall;

-> //

mysql>