**// Author: Durvesh Malpure (31139)**

**// Assignment 6**

**// Adding missing roll number records**

***mysql> create procedure roll\_merge()***

***-> begin***

***-> declare roll int;***

***-> declare exit\_loop boolean;***

***-> declare c1 cursor for select rno from O\_RollCall;***

***-> declare continue handler for Not Found SET exit\_loop= TRUE;***

***-> open c1;***

***-> myloop:LOOP***

***-> fetch c1 into roll;***

***-> if not exists (select \* from N\_RollCall where rollno=roll) then***

***-> insert into N\_RollCall select \* from O\_RollCall where rno=roll;***

***-> end if;***

***-> if exit\_loop then***

***-> close c1;***

***-> leave myloop;***

***-> end if;***

***-> end loop myloop;***

***-> end;***

***-> //***

***Query OK, 0 rows affected (0.17 sec)***

***mysql> delimiter ;***

***mysql> select \* from O\_RollCall;***

***+------+---------+---------------+***

***| rno | name | city |***

***+------+---------+---------------+***

***| 1 | Ajay | Beed |***

***| 2 | Aniket | Nanded |***

***| 3 | Durvesh | Nashik |***

***| 4 | Butcher | NYC |***

***| 5 | Richard | San Francisco |***

***| 6 | Reiner | Trost |***

***+------+---------+---------------+***

***6 rows in set (0.00 sec)***

***mysql> select \* from N\_RollCall;***

***+--------+---------+---------------+***

***| rollno | name | city |***

***+--------+---------+---------------+***

***| 1 | Ajay | Beed |***

***| 3 | Durvesh | Nashik |***

***| 5 | Richard | San Francisco |***

***| 6 | Reiner | Trost |***

***+--------+---------+---------------+***

***4 rows in set (0.00 sec)***

***mysql> call roll\_merge();***

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

***mysql> select \* from N\_RollCall;***

***+--------+---------+---------------+***

***| rollno | name | city |***

***+--------+---------+---------------+***

***| 1 | Ajay | Beed |***

***| 3 | Durvesh | Nashik |***

***| 5 | Richard | San Francisco |***

***| 6 | Reiner | Trost |***

***| 2 | Aniket | Nanded |***

***| 4 | Butcher | NYC |***

***+--------+---------+---------------+***

***6 rows in set (0.00 sec)***

***mysql>***

**// Adding missing roll number records with city as Nashik**

***mysql> create procedure nashikproc()***

***-> begin***

***-> declare namex varchar(20);***

***-> declare cityx varchar(20);***

***-> declare exit\_loop boolean;***

***-> declare c2 cursor for select name from Old\_RollCall;***

***-> declare continue handler for Not Found SET exit\_loop= TRUE;***

***-> open c2;***

***-> myloop:LOOP***

***-> fetch c2 into namex;***

***-> if not exists (select \* from New\_RollCall where name=namex) then***

***-> select city into cityx from Old\_RollCall where name=namex;***

***-> if cityx="Nashik" then***

***-> insert into New\_RollCall select name,city from Old\_RollCall where name=namex;***

***-> end if;***

***-> end if;***

***-> if exit\_loop then***

***-> close c2;***

***-> leave myloop;***

***-> end if;***

***-> end loop myloop;***

***-> end//***

***Query OK, 0 rows affected (0.15 sec)***

***mysql> select \* from old\_rollcall;***

***-> //***

***+------+-----------+--------+***

***| rno | name | city |***

***+------+-----------+--------+***

***| 1 | Aradhya | Nashik |***

***| 2 | Byomkesh | Pune |***

***| 3 | Chatur | Nashik |***

***| 4 | Durvesh | Nashik |***

***| 5 | Eesha | Pune |***

***| 6 | Frodo | Nashik |***

***| 7 | Gandhi | Nashik |***

***| 8 | Hiroshima | Tokyo |***

***| 9 | Illeana | Mumbai |***

***| 10 | Jaggu | Nashik |***

***+------+-----------+--------+***

***10 rows in set (0.00 sec)***

***mysql> delimiter ;***

***mysql> select \* from new\_rollcall;***

***+----------+--------+***

***| name | city |***

***+----------+--------+***

***| Aradhya | Nashik |***

***| Byomkesh | Pune |***

***| Chatur | Nashik |***

***| Durvesh | Nashik |***

***| Eesha | Pune |***

***+----------+--------+***

***5 rows in set (0.00 sec)***

***mysql> call nashikproc();***

***Query OK, 0 rows affected (0.35 sec)***

***mysql> select \* from new\_rollcall;***

***+----------+--------+***

***| name | city |***

***+----------+--------+***

***| Aradhya | Nashik |***

***| Byomkesh | Pune |***

***| Chatur | Nashik |***

***| Durvesh | Nashik |***

***| Eesha | Pune |***

***| Frodo | Nashik |***

***| Gandhi | Nashik |***

***| Jaggu | Nashik |***

***+----------+--------+***

***8 rows in set (0.00 sec)***







