

Practical- 6

```
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,name varchar(20),address varchar(20));
Query OK, 0 rows affected (0.27 sec)
```

```
mysql> insert into o_rollcall values('1','Aniket','Pune');
Query OK, 1 row affected (0.05 sec)
```

```
mysql> insert into o_rollcall values('2','Sneha','MP');
Query OK, 1 row affected (0.06 sec)
```

```
mysql> insert into o_rollcall values('3','Amit','Nsk');
Query OK, 1 row affected (0.05 sec)
```

```
mysql> insert into o_rollcall values('4','Priya','Dhule');
Query OK, 1 row affected (0.05 sec)
```

```
mysql> insert into o_rollcall values('5','Vikas','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 | Priya | Dhule |
| 5 | Vikas | 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 | Priya | Dhule |
| 5 | Vikas | Satara |
| 1 | Aniket | Pune |
| 2 | Sneha | MP    |
| 3 | Amit  | Nsk   |
+-----+-----+-----+
5 rows in set (0.00 sec)
```

```
mysql> insert into o_rollcall values('6','Sanket','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 | Priya | Dhule |
| 5 | Vikas | Satara |
| 1 | Aniket | Pune |
| 2 | Sneha | MP    |
+-----+-----+-----+
```

3 Amit Nsk
6 Sanket Kolhapur
+-----+-----+-----+
6 rows in set (0.00 sec)