```
pratik@Ubuntu:~$ sudo mysql
[sudo] password for pratik:
mysql> show databases;
+--------------------+
| Database           |
+--------------------+
| information_schema |
| mysql              |
| performance_schema |
| sys                |
+--------------------+
4 rows in set (0.00 sec)
mysql> create database dbms7a;
Query OK, 1 row affected (0.03 sec)
mysql> use dbms7a;
Database changed
mysql> create table o_rollcall(roll_no int,name varchar(20),address
    -> varchar(20));
Query OK, 0 rows affected (0.20 sec)
mysql> create table n_rollcall(roll_no int,name varchar(20),address
    -> varchar(20));
mysql> desc o_rollcall;
+---------+-------------+------+-----+---------+-------+
| Field   | Type        | Null | Key | Default | Extra |
+---------+-------------+------+-----+---------+-------+
| roll_no | int         | YES  |     | NULL    |       |
| name    | varchar(20) | YES  |     | NULL    |       |
| address | varchar(20) | YES  |     | NULL    |       |
+---------+-------------+------+-----+---------+-------+
3 rows in set (0.01 sec)
```

```
mysql> desc n_rollcall;
+---------+-------------+------+-----+---------+-------+
| Field   | Type        | Null | Key | Default | Extra |
+---------+-------------+------+-----+---------+-------+
| roll_no | int         | YES  |     | NULL    |       |
| name    | varchar(20) | YES  |     | NULL    |       |
| address | varchar(20) | YES  |     | NULL    |       |
+---------+-------------+------+-----+---------+-------+
3 rows in set (0.01 sec)
mysql> insert into o_rollcall values('1','Pratik','Pune');
Query OK, 1 row affected (0.07 sec)
mysql>  insert into o_rollcall values('2','Piyush','MP');
Query OK, 1 row affected (0.04 sec)
mysql> insert into o_rollcall values('3','Pune','Nsk');
Query OK, 1 row affected (0.02 sec)
mysql> insert into o_rollcall values('4','Kalpesh','Dhule');
Query OK, 1 row affected (0.11 sec)
mysql> insert into o_rollcall values('5','Abhi','Satara');
Query OK, 1 row affected (0.08 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;

-> //

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+---------+---------+---------+
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| roll_no | name    | address |
+---------+---------+---------+
| 4 | Kalpesh | Dhule |
| 5 | Abhi | Satara |
| 1 | Pratik | Pune |
| 2 | Piyush | MP |
| 3 | Tejas | Nashik |
+---------+---------+---------+
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 | Pratik | Pune |
| 2 | Piyush | MP |
| 3 | Tejas | Nashik |
| 6 | Patil | Kolhapur |
+---------+---------+----------+
6 rows in set (0.00 sec)
```