Microsoft Windows [Version 10.0.19045.4780]

(c) Microsoft Corporation. All rights reserved.


C:\Users\ABHISHEK GHARAT>mysql -u root -p

Enter password: ****

Welcome to the MySQL monitor.  Commands end with ; or \g.

Your MySQL connection id is 8

Server version: 8.0.39 MySQL Community Server - GPL


Copyright (c) 2000, 2024, Oracle and/or its affiliates.


Oracle is a registered trademark of Oracle Corporation and/or its

affiliates. Other names may be trademarks of their respective

owners.


Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.


mysql> create database dbms;

Query OK, 1 row affected (0.01 sec)


mysql> use dbms

Database changed

mysql> create table o_rollcall(roll_no int, name varchar(20), address varchar(20));

Query OK, 0 rows affected (0.04 sec)


mysql> insert into o_rollcall

   ->
values('1','Abhishek','Pimpri'),('2','Rashmika','Chakan'),('3','Sakshi','Ravet'),('4','Mayur','Alandi'),('5','Amit'
,'Elpro'),('6','Kajal','Mumbai');

Query OK, 6 rows affected (0.02 sec)

Records: 6  Duplicates: 0  Warnings: 0

mysql> select * from o_rollcall;

```
+---------+-----------+-----------+
| roll_no | name      | address   |
+---------+-----------+-----------+
| 1       | Abhishek  | Pimpri    |
| 2       | Rashmika  | Chakan    |
| 3       | Sakshi    | Ravet     |
| 4       | Mayur     | Alandi    |
| 5       | Amit      | Elpro     |
| 6       | Kajal     | Mumbai    |
+---------+-----------+-----------+
```

6 rows in set (0.01 sec)

mysql> create table n_rollcall(roll_no int, name varchar(20), address varchar(20));
Query OK, 0 rows affected (0.03 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> delimiter //

mysql> CREATE PROCEDURE newcurr(IN roll_no0 INT)
    -> begin
    -> DECLARE roll_no1 INT;
    -> DECLARE exit_loop BOOLEAN DEFAULT FALSE;
    -> DECLARE c1 CURSOR FOR SELECT roll_no FROM o_rollcall WHERE roll_no > roll_no0;
    -> DECLARE CONTINUE HANDLER FOR NOT FOUND SET exit_loop = TRUE;
    -> OPEN c1;
    -> emp_loop: LOOP
    -> FETCH c1 INTO roll_no1;
    -> IF exit_loop THEN
    -> CLOSE c1;
    -> LEAVE emp_loop;
    -> END IF;
    -> IF NOT EXISTS (SELECT * FROM n_rollcall WHERE roll_no = roll_no1) THE
N
    -> INSERT INTO n_rollcall (roll_no, name, address)
    -> SELECT roll_no, name, address FROM o_rollcall WHERE roll_no = roll_no1;
    -> END IF;
    -> END LOOP emp_loop;
    -> END //
Query OK, 0 rows affected (0.01 sec)


mysql> CALL newcurr(0);
Query OK, 0 rows affected (0.13 sec)


mysql> select *from n_rollcall;
+---------+-----------+-----------+
| roll_no | name      | address   |
```

```
+---------+-----------+-----------+
| 1       | Abhishek  | Pimpri    |
| 2       | Rashmika  | Chakan    |
| 3       | Sakshi    | Ravet     |
| 4       | Mayur     | Alandi    |
| 5       | Amit      | Elpro     |
| 6       | Kajal     | Mumbai    |
+---------+-----------+-----------+
```

6 rows in set (0.01 sec)