Name: Umang Kumar

Roll Number: 7358

mysql> show databases;

+--------------------+

| Database |

+--------------------+

| information\_schema |

| assign4 |

| assign\_2 |

| assign\_2a |

| assign\_3 |

| db |

| demo |

| mydatabase |

| mysql |

| performance\_schema |

| sachin |

| stud |

| sys |

| umang |

+--------------------+

14 rows in set (0.02 sec)

mysql> use umang;

Reading table information for completion of table and column names

You can turn off this feature to get a quicker startup with -A

Database changed

mysql> show tables;

+-----------------+

| Tables\_in\_umang |

+-----------------+

| Employee |

| Project |

| borrower |

| fine |

| product |

| suppliers |

+-----------------+

6 rows in set (0.00 sec)

mysql> create table O\_rollcall(rno int(3) primary key, name varchar(30), addr varchar(40));

Query OK, 0 rows affected (0.23 sec)

mysql> insert into O\_rollcall values(1, 'Amit', 'Nashik');

Query OK, 1 row affected (0.04 sec)

mysql> insert into O\_rollcall values(2, 'Charcha', 'Ajmer');

Query OK, 1 row affected (0.04 sec)

mysql> insert into O\_rollcall values(3, 'Umang', 'Hajipur');

Query OK, 1 row affected (0.03 sec)

mysql> select \* from O\_rollcall;

+-----+---------+---------+

| rno | name | addr |

+-----+---------+---------+

| 1 | Amit | Nashik |

| 2 | Charcha | Ajmer |

| 3 | Umang | Hajipur |

+-----+---------+---------+

3 rows in set (0.00 sec)

mysql> create table N\_rollcall(rno int(3), name varchar(30), addr varchar(40));

Query OK, 0 rows affected (0.24 sec)

mysql> select \* from N\_rollcall;

Empty set (0.00 sec)

mysql> insert into N\_rollcall select \* from O\_rollcall;

Query OK, 3 rows affected (0.04 sec)

Records: 3 Duplicates: 0 Warnings: 0

mysql> select \* from N\_rollcall;

+------+---------+---------+

| rno | name | addr |

+------+---------+---------+

| 1 | Amit | Nashik |

| 2 | Charcha | Ajmer |

| 3 | Umang | Hajipur |

+------+---------+---------+

3 rows in set (0.00 sec)

mysql> insert into O\_rollcall values(4, 'Naren', 'Guntur');

Query OK, 1 row affected (0.04 sec)

mysql> delimiter //

mysql> create procedure newcur(in rno1 int(3))

-> begin

-> declare c1 cursor for select rno from O\_rollcall where rno = rno1;

-> open c1;

-> fetch c1 into rno1;

-> if not exists(select \* from N\_rollcall where rno = rno1) then insert into N\_rollcall select \* from O\_rollcall where rno = rno1;

-> end if;

-> close c1;

-> end

-> //

Query OK, 0 rows affected (0.01 sec)

mysql> call newcur(2)//

Query OK, 0 rows affected (0.01 sec)

mysql> call newcur(4)//

Query OK, 1 row affected (0.08 sec)

mysql> delete from N\_rollcall//

Query OK, 4 rows affected (0.03 sec)

mysql> call newcur(1)//

Query OK, 1 row affected (0.04 sec)

mysql> select \* from N\_rollcall//

+------+------+--------+

| rno | name | addr |

+------+------+--------+

| 1 | Amit | Nashik |

+------+------+--------+

1 row in set (0.01 sec)

mysql> call newcur(2)//

Query OK, 1 row affected (0.06 sec)

mysql> select \* from N\_rollcall//

+------+---------+--------+

| rno | name | addr |

+------+---------+--------+

| 1 | Amit | Nashik |

| 2 | Charcha | Ajmer |

+------+---------+--------+

2 rows in set (0.00 sec)

mysql> call newcur(2)//

Query OK, 0 rows affected (0.01 sec)