Enter password: \*\*\*\*\*\*\*\*\*\*\*

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

Your MySQL connection id is 11

Server version: 8.0.11 MySQL Community Server - GPL

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

mysql> create database cur;

Query OK, 1 row affected (0.14 sec)

mysql> use cur;

Database changed

mysql> create table stud1(orollno int(3));

Query OK, 0 rows affected (0.72 sec)

mysql> insert into stud1 values(1);

Query OK, 1 row affected (0.13 sec)

mysql> insert into stud1 values(2);

Query OK, 1 row affected (0.13 sec)

mysql> insert into stud1 values(3);

Query OK, 1 row affected (0.11 sec)

mysql> insert into stud1 values(4);

Query OK, 1 row affected (0.12 sec)

mysql> create table stud2(nrollno int(3));

Query OK, 0 rows affected (0.55 sec)

mysql> insert into stud2 values(4);

Query OK, 1 row affected (0.13 sec)

mysql> insert into stud2 values(5);

Query OK, 1 row affected (0.17 sec)

mysql> insert into stud2 values(6);

Query OK, 1 row affected (0.10 sec)

mysql> desc stud1;

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

| Field | Type | Null | Key | Default | Extra |

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

| orollno | int(3) | YES | | NULL | |

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

mysql> desc stud2;

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

| Field | Type | Null | Key | Default | Extra |

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

| nrollno | int(3) | YES | | NULL | |

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

1 row in set (0.00 sec)

mysql> select \* from stud1;

+---------+

| orollno |

+---------+

| 1 |

| 2 |

| 3 |

| 4 |

+---------+

4 rows in set (0.00 sec)

mysql> select \* from stud2;

+---------+

| nrollno |

+---------+

| 4 |

| 5 |

| 6 |

+---------+

3 rows in set (0.00 sec)

mysql> DELIMITER //

mysql> create procedure myone2()

-> Begin

-> declare myno int(10);

-> declare myno2 int(10);

-> declare flag int(3);

-> declare done int default false;

-> declare mycursor1 CURSOR for select orollno from stud1;

-> declare mycursor2 CURSOR for select nrollno from stud2;

-> declare continue handler for not found set done=true;

-> set flag=0;

-> open mycursor1;

-> fetch mycursor1 into myno;

-> if done=true then

-> leave label1;

-> open mycursor2;

-> label2 : loop

-> fetch mycursor2 into myno2;

-> if done=true then

-> leave label2;

-> end if;

-> if myno2=myno then

-> set flag=0;

-> leave label2;

-> else

-> set flag=1;

-> end if;

-> end loop;

-> if flag=1 then

-> insert into stud2 values(myno);

-> end if;

-> close mycursor2;

-> set done=FALSE;

-> end loop;

-> close mycursor1;

-> end//

Query OK, 0 rows affected (0.10 sec)

mysql> call myone2(); //

Query OK, 0 rows affected (0.30 sec)

mysql> select \* from stud2; //

+---------+

| nrollno |

+---------+

| 4 |

| 5 |

| 6 |

| 1 |

| 2 |

| 3 |

+---------+

6 rows in set (0.00 sec)