Lab program-1(Insurance database)

Person table:

create table person(

-> drive\_id int(10),

-> name varchar(30),

-> address varchar(30),

-> primary key(drive\_id));

Car table:

create table car(

-> reg\_no varchar(20),

-> model varchar(20),

-> year int(10),

-> primary key(reg\_no));

Accident:

create table accidentt(

-> rep\_no int(10),

-> date date,

-> location varchar(30),

-> primary key(rep\_no));

Owns:

create table owns(

-> drive\_id int(10),

-> reg\_no varchar(20),

-> primary key(drive\_id),

-> foreign key(drive\_id) references person(drive\_id),

-> foreign key(reg\_no) references car(reg\_no));

Participated:

create table participated(

-> drive\_id int(10),

-> reg\_no varchar(20),

-> rep\_no int(10),

-> damage\_amt int,

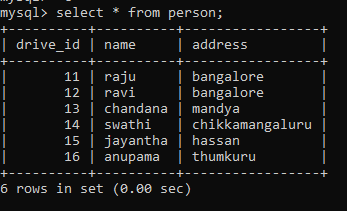
-> primary key(drive\_id),

-> foreign key(drive\_id) references person(drive\_id),

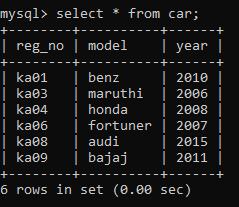
-> foreign key(reg\_no) references car(reg\_no),

-> foreign key(rep\_no) references accident(rep\_no));

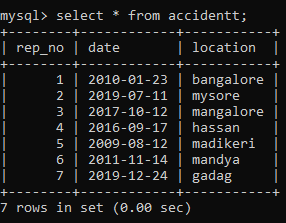
->Select \* from person;



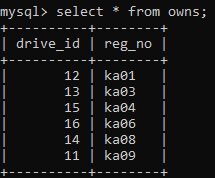
->Select \* from car;



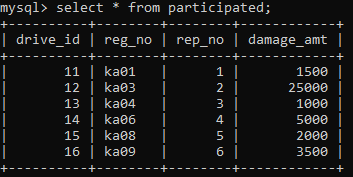
->Select \* from accident;



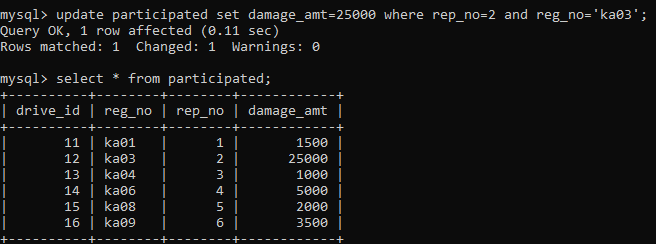
->Select \* from owns;



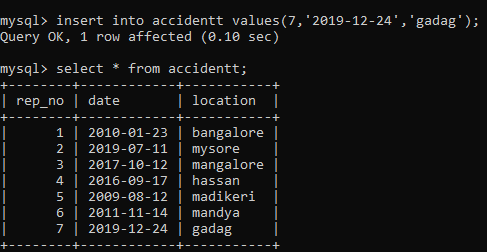
->Select \* from participated;



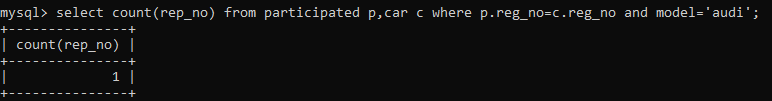
Query-1;



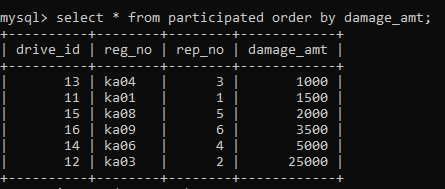
Query-2:



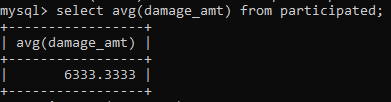
Query-3:



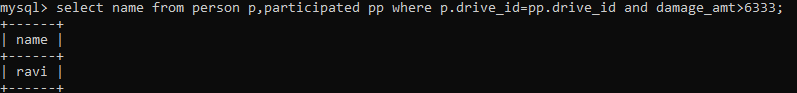
Query-4:



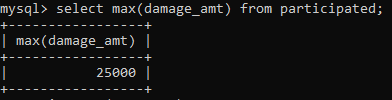
Query-5:



Query-6:



Query-7:



Lab program-2(Bank Database)

Branch;

Create table branch(

Branch\_name varchar(30),

Branch\_city varchar(30),

Assets varchar(30),

Primary key(branch\_name));

Accounts;

Create table accounts(

Acc\_no int,

Branch\_name varchar(30),

Balance int,

Primary key(acc\_no));

Loan;

create table loan(

-> loan\_num int,

-> branch\_name varchar(30),

-> amt int,

-> primary key(loan\_num)

-> foreign key(branch\_name) references branch(branch\_name));

Customer:

create table customer(

-> cust\_name varchar(30),

-> cust\_street varchar(30),

-> cust\_city varchar(30),

-> primary key (cust\_name));

Depositer:

create table depositer(

-> cust\_name varchar(30),

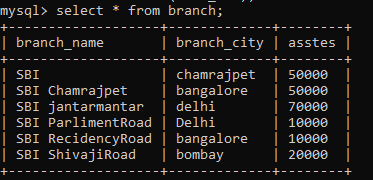
-> acc\_no int,

-> primary key(cust\_name,acc\_no),

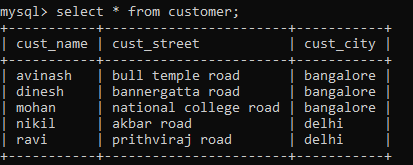
-> foreign key(cust\_name) references customer(cust\_name),

-> foreign key(acc\_no) references accounts(acc\_no));

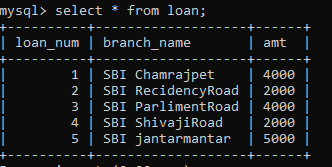
->Select \* from branch;



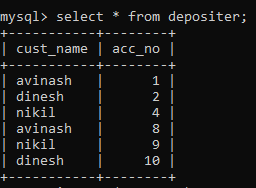
Select \* from customer;



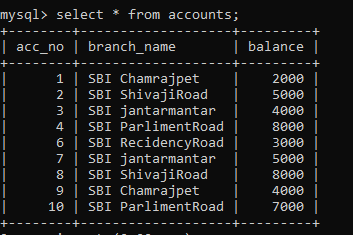
Select \* from loan;



Select \* from depositer;



Select \* from accounts;



Lab program-03(Supplier database)

Supplier :

create table supplier(

-> sid int,

-> sname varchar(30),

-> address varchar (30),

-> primary key(sid));

Parts:

create table parts (

-> pid int,

-> pname varchar(30),

-> color varchar(20),

-> primary key(pid));

Catalog:

create table catalog(

-> sid int,

-> pid int,

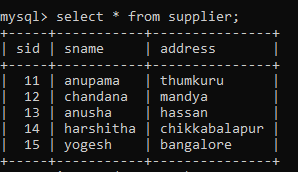
-> cost real,

-> primary key(sid,pid),

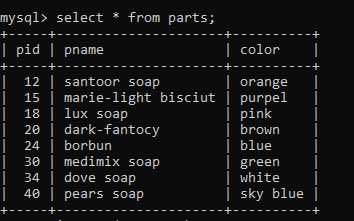
-> foreign key(sid) references supplier(sid),

-> foreign key(pid) references parts(pid));

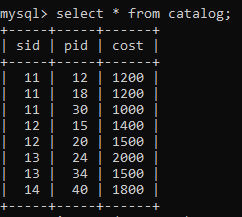
->Select \* from supplier;



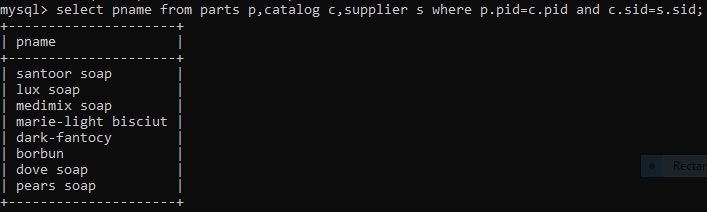
->Select \* from parts;



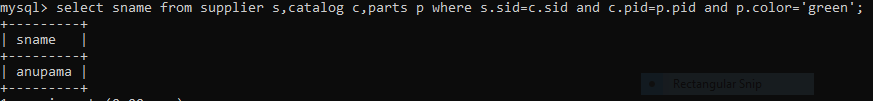
->Select \* from catalog;



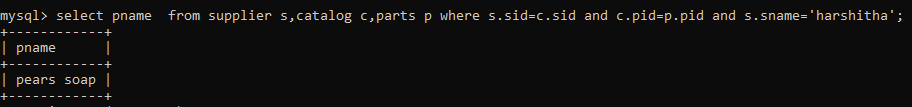
->Query-1



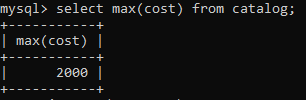
->Query-2



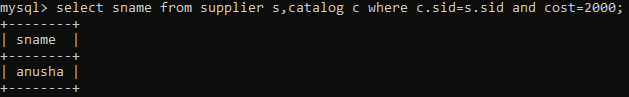
->Query-3



->Query-4



->Query-5



Lab program-04(Student faculty database)

Student:

create table student(

-> snum int,

-> sname varchar(30),

-> major varchar(10),

-> level varchar(10),

-> age int,

-> primary key(snum));

Faculty:

create table faculty(

-> fid int,

-> fname varchar(30),

-> dep\_id int,

-> primary key(fid));

Class:

create table class(

-> cname varchar(10),

-> meets\_at time,

-> room int,

-> fid int,

-> primary key(cname),

-> foreign key(fid) references faculty(fid));

Enrolled:

ctreate table enrolled(

-> snum int,

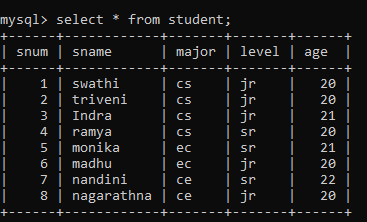
-> cname varchar(10),

-> primary key(snum,cname),

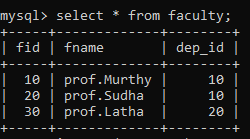
-> foreign key(snum) references student(snum),

-> foreign key(cname) references class(cname));

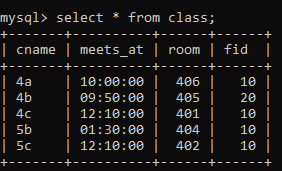
->Select \* from student;



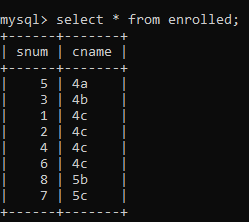
->Select \* from faculty;



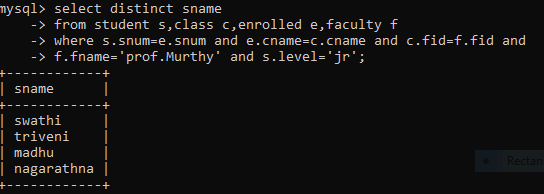
->Select \* from class;



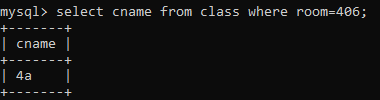
->Select \* from enrolled;



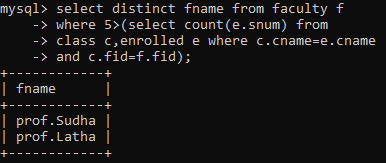
->Query1;



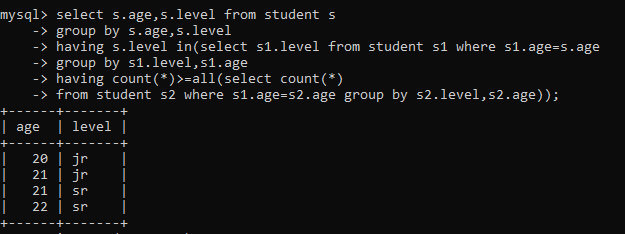
->Query2;



->query3;



->query4;



Lab program-05(Movie database)

Actor:

create table actor(

-> act\_id int,

-> act\_name varchar(30),

-> act\_gender varchar(10),

-> primary key(act\_id));

Director:

create table director(

-> dir\_id int,

-> dir\_name varchar(30),

-> dir\_phone int,

-> primary key(dir\_id));

Movies:

create table movies(

-> mov\_id int,

-> mov\_title varchar(20),

-> mov\_year int,

-> mov\_lang varchar(20),

-> dir\_id int,

-> primary key(mov\_id),

-> foreign key(dir\_id) references director(dir\_id));

Movie\_cast:

create table movie\_cast(

-> act\_id int,

-> mov\_id int,

-> role varchar(15),

-> primary key(act\_id,mov\_id),

-> foreign key(act\_id) references actor(act\_id),

-> foreign key(mov\_id) references movies(mov\_id));

Rating:

create table rating(

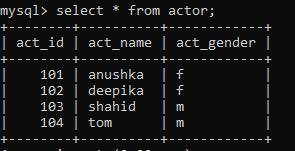
-> mov\_id int,

-> rev\_stars int,

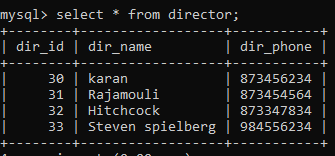
-> primary key(mov\_id),

-> foreign key(mov\_id) references movies(mov\_id));

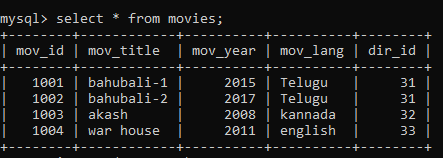
->Select \* from actor;



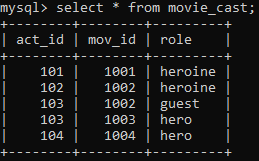
->Select \* from director;



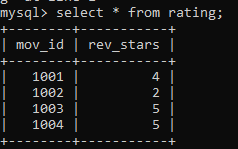
->Select \* from movies;



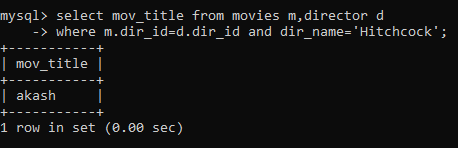
->Select \* from movie\_cast;



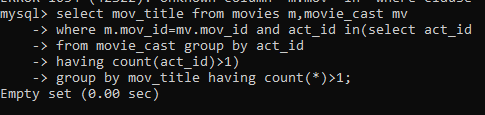
->Select \* from rating;



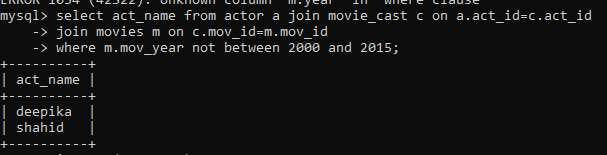
->Query-1



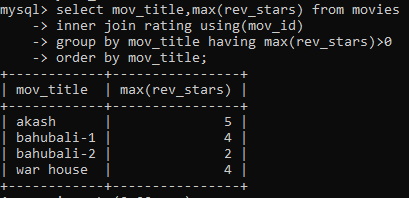
->Query-2



->Query-3



->Query-4



->query-5

