create database insurance\_kumud;

use insurance\_kumud;

create table insurance\_kumud.person(

driver\_id varchar(20),

name varchar(30),

address varchar(50),

PRIMARY KEY(driver\_id)

);

create table insurance\_kumud.car(

reg\_num varchar(15),

model varchar(10),

year int,

PRIMARY KEY(reg\_num)

);

create table insurance\_kumud.owns(

driver\_id varchar(20),

reg\_num varchar(10),

PRIMARY KEY(driver\_id, reg\_num),

FOREIGN KEY(driver\_id) REFERENCES person(driver\_id),

FOREIGN KEY(reg\_num) REFERENCES car(reg\_num)

);

create table insurance\_kumud.accident(

report\_num int,

accident\_date date,

location varchar(50),

PRIMARY KEY(report\_num)

);

create table insurance\_kumud.participated(

driver\_id varchar(20),

reg\_num varchar(10),

report\_num int,

damage\_amount int,

PRIMARY KEY(driver\_id,reg\_num,report\_num),

FOREIGN KEY(driver\_id) REFERENCES person(driver\_id),

FOREIGN KEY(reg\_num) REFERENCES car(reg\_num),

FOREIGN KEY(report\_num) REFERENCES accident(report\_num)

);

INSERT into person

values

("a01","richard","srinivasnagar"),

("a02","Pradeep","rajaji nagar"),

("a03","smith","Ashok nagar"),

("a04","Venu","NR COlony"),

("ao5","John","Hanumantanagar");

select \* from person;

insert into car

values

("KA052250","Indica",1990),

("KA031181","Lancer",1957),

("KA095477","Toyota",1998),

("KA053408","Honda",2008),

("KA041702","Audi",2005);

select \* from car;

insert into owns values("a01","KA052250");

insert into owns values("a02","KA031181");

insert into owns values("a03","KA095477");

insert into owns values("a04","KA053408");

insert into owns values("a05","KA041702");

select \* from owns;

insert into accident values(11,'2003-01-01',"Mysore Road");

insert into accident values(12,'2004-02-02',"South end Circle");

insert into accident values(13,'2003-01-21',"Bull temple Road");

insert into accident values(14,'2008-02-17',"Mysore Road");

insert into accident values(15,'2004-03-05',"Kanakpura Road");

select \* from accident;

insert into participated values("A01","KA052250",11,10000);

insert into participated values("A02","KA053408",12,50000);

insert into participated values("A03","KA095477",13,25000);

insert into participated values("A04","KA031181",14,3000);

insert into participated values("A05","KA041702",15,5000);

select \* from participated;

update participated

set damage\_amount = 25000

where reg\_num = "KA053408" and report\_num = 12;

select count(distinct driver\_id)CNT

from participated a,accident b

where a.report\_num = b.report\_num and b.accident\_date like '2008%';

insert into accident values (16,'2008-03-08',"Domlur");

select \* from accident;

select \* from participated order by damage\_amount desc;

select avg(damage\_amount) from participated;

select \* from participated where damage\_amount < (select avg(damage\_amount) from participated);

select name from person a, participated b where a.driver\_id = b.driver\_id and damage\_amount > (select avg(damage\_amount) from participated);

select max(damage\_amount) from participated;