create database insurance\_khagendra;

use insurance\_khagendra;

create table insurance\_khagendra.person(

driver\_id varchar(20),

name varchar(30),

address varchar(50),

PRIMARY KEY(driver\_id)

);

create table insurance\_khagendra.car(

reg\_num varchar(15),

model varchar(10),

year int,

PRIMARY KEY(reg\_num)

);

create table insurance\_khagendra.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\_khagendra.accident(

report\_num int,

accident\_date date,

location varchar(50),

PRIMARY KEY(report\_num)

);

create table insurance\_khagendra.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","srinivas nagar"),

("A02","Pradeep","Rajali nagar"),

("A03","Smith","Ashok nagar"),

("A04","Venu","N R Colony"),

("A05","John","Hanumanth nagar");

select \*from person;

INSERT into car

VALUES

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

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

("KA095477","Toyata","1998"),

("KA053408","Honada","2008"),

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

select \*from car;

INSERT into participated

VALUES

("A01","KA052250",11,10000),

("A02","KA053408",12,50000),

("A03","KA095477",13,25000),

("A04","KA031181",14,3000),

("A05","KA041702",15,5000);

select \*from participated;

INSERT into owns

VALUES

("A01","KA052250"),

("A02","KA053408"),

("A03","KA031181"),

("A04","KA095477"),

("A05","KA041702");

select \*from owns;

INSERT into accident

VALUES

(11,'2003-01-01',"Mysore"),

(12,'2004-02-02',"South end circle"),

(13,'2003-01-21',"Bull temple Road"),

(14,'2008-02-17',"Mysore Road"),

(15,'2004-03-05',"Kanakpura Road");

select \*from accident;

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 WHERE

DAMAGE\_AMOUNT < (SELECT AVG (DAMAGE\_AMOUNT) FROM PARTICIPATED);

SELECT \* FROM PARTICIPATED ORDER BY DAMAGE\_AMOUNT DESC;

SELECT AVG(DAMAGE\_AMOUNT) FROM PARTICIPATED;

SELECT MAX(DAMAGE\_AMOUNT) FROM PARTICIPATED;