create database Nithin\_insurance;

use Nithin\_insurance;

create table person(

driver\_id varchar(30) primary key,

person\_name varchar(40),

address varchar(60)

);

create table car(

reg\_num varchar(40),

model varchar(40),

buy\_year int,

primary key(reg\_num)

);

create table owns(

driver\_id varchar(30),

reg\_num varchar(40),

primary key(driver\_id,reg\_num),

foreign key(driver\_id) references person(driver\_id),

foreign key(reg\_num) references car(reg\_num)

);

create table accident(

report\_num int,

accident\_date date,

location varchar(50),

primary key(report\_num));

create table participated(

driver\_id varchar(30),

reg\_num varchar(40),

report\_num int,

damage\_amt 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('AC01','Rishabh','Bangalore'),('AC05','Vayush','Tumkur'),('AC109','Gireesh','karwar'),('AC98','prachand samhara nivedan','Bangalore'),('AC87','Kalpa Rudra Srivara Santhope','Kaiga');

insert into car

values('KA 03 B 1956','S2',2020),('KA 09 C 6657','S3',2021),('KA 41 K 2354','S5',1999),('KA 32 L 8903','A3',2003),('KA 05 M 9034','A2',2020);

insert into accident

values(197,'2021-08-02','Bangalore'),(190,'2020-09-21','Mangalore'),(167,'2008-09-15','Bangalore'),(183,'2020-09-17','Delhi'),(097,'2007-11-27','Hyderabad');

insert into owns

values('AC01','KA 03 B 1956'),('AC05','KA 09 C 6657'),('AC109','KA 41 K 2354'),('AC98','KA 32 L 8903'),('AC87','KA 05 M 9034');

insert into participated

values('AC01','KA 03 B 1956',197,90000),('AC05','KA 09 C 6657',190,80000),('AC109','KA 41 K 2354',167,79000),('AC98','KA 32 L 8903',183,167000),('AC87','KA 05 M 9034',097,289000);

select \* from car order by buy\_year asc;

select count(report\_num) from car c,participated p where c.reg\_num=p.reg\_num and c.model='S2';

select count(distinct driver\_id) CNT from participated a,accident b where a.report\_num=b.report\_num and b.accident\_date like '\_\_08';

select avg(damage\_amt) from participated;

select p.person\_name from person p,participated pa where p.driver\_id=pa.driver\_id and pa.damage\_amt>(select avg(damage\_amt) from participated);

select max(damage\_amt) from participated;

delete from participated where

damage\_amt<(select t.amt from (select avg(damage\_amt) as amt from participated) t);

select c.model from car c,accident a,participated p where p.report\_num=a.report\_num and p.reg\_num=c.reg\_num and a.location="Bangalore";