Vakmalla keerthi priya (1BM19CS176)

INSURANCE DATABASE

```
create database insurance;
use insurance:
create table person(driver id varchar(5),name varchar(10),address varchar(20),primary key
(driver id));
desc person;
create table car(reg_num varchar(10),model varchar(10),year int,primary key(reg_num));
desc car;
create table accident(report num int,accident date date,location varchar(20),primary
key(report_num));
desc accident;
create table owns(driver_id varchar(10),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));
desc owns:
create table participated(driver id varchar(10), 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));
desc participated;
insert into person values('A01','Richard','Srinivas Nagar');
insert into person values('A02','Pradeep','Rajajinagar');
insert into person values('A03','Smith','Ashoknagar');
insert into person values('A04','Venu','N.R.Colony');
insert into person values('A05','John','Hanumanth Naga');
commit;
select * from person;
```



insert into car values('KA031181','Lancer',1957); insert into car values('KA041702','Audi',2005); insert into car values('KA052250','Indica',1990); insert into car values('KA053408','Honda',2008); insert into car values('KA095477','Toyota',1998); commit;

select * from car;



insert into accident values(11,'2003-01-01','Mysore Road'); insert into accident values(12,'2004-02-02','Southend Circle'); insert into accident values(13,'2003-01-21','Bulltemple Road'); insert into accident values(14,'2008-02-17','Mysore Road'); insert into accident values(15,'2005-03-04','Kanakpura Road'); commit;

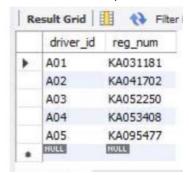
select * from accident;



insert into owns values('A01','KA031181'); insert into owns values('A02','KA041702'); insert into owns values('A03','KA052250');

insert into owns values('A04','KA053408'); insert into owns values('A05','KA095477'); commit;

select * from owns;



insert into participated values('A01','KA031181',11,10000); insert into participated values('A02','KA041702',12,50000); insert into participated values('A03','KA052250',13,25000); insert into participated values('A04','KA053408',14,3000); insert into participated values('A05','KA095477',15,5000); commit;

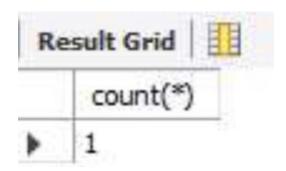
select * from participated;



update participated set damage_amount=25000 where report_num=12; insert into accident values(16,'2009-04-03','Kanakpura Road'); select * from accident;

11	2003-01-01	
	2003-01-01	Mysore Road
12	2004-02-02	Southend Circle
13	2003-01-21	Bulltemple Road
14	2008-02-17	Mysore Road
15	2005-03-04	Kanakpura Road
16	2009-04-03	Kanakpura Road
	14 15	14 2008-02-17 15 2005-03-04

select count(*) from accident where year(accident_date)=2008;



select count(report_num) CNT from car c,participated p where c.reg_num=p.reg_num and model='Lancer';

