

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;
```

Result Grid			
Filter Rows:			
	driver_id	name	address
▶	A01	Richard	Srinivas Nagar
	A02	Pradeep	Rajajinagar
	A03	Smith	Ashoknagar
	A04	Venu	N.R.Colony
	A05	John	Hanumanth Naga
✱	NULL	NULL	NULL

```

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;

```

Result Grid			
Filter Rows:			
	reg_num	model	year
▶	KA031181	Lancer	1957
	KA041702	Audi	2005
	KA052250	Indica	1990
	KA053408	Honda	2008
	KA095477	Toyota	1998
✱	NULL	NULL	NULL

```

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;

```

Result Grid			
Filter Rows:			
	report_num	accident_date	location
▶	11	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
✱	NULL	NULL	NULL

```

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;

```

Result Grid			Filter
	driver_id	reg_num	
▶	A01	KA031181	
	A02	KA041702	
	A03	KA052250	
	A04	KA053408	
	A05	KA095477	
•	NULL	NULL	

```

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;

```

	driver_id	reg_num	report_num	damage_amount
▶	A01	KA031181	11	10000
	A02	KA041702	12	50000
	A03	KA052250	13	25000
	A04	KA053408	14	3000
	A05	KA095477	15	5000
•	NULL	NULL	NULL	NULL

```

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

```

	report_num	accident_date	location
▶	11	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

```

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

```

Result Grid	
	count(*)
▶	1

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

Result Grid	
	CNT
▶	1