

```
create database Revanth_insurance;
```

```
use Revanth_insurance;
```

(creating tables)

```
create table Person
```

```
(
```

```
  driver_id varchar(20),
```

```
  name varchar(20),
```

```
  address varchar(30),
```

```
  primary key(driver_id)
```

```
);
```

```
create table car
```

```
(
```

```
  reg_num int,
```

```
  model varchar(20),
```

```
  year int,
```

```
  primary key(reg_num)
```

```
);
```

```
create table owns
```

```
(
```

```
  driver_id varchar(20),
```

```
  reg_num int,
```

```
  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(30),  
primary key(report_num)  
);
```

```
desc accident;
```

```
create table participated
```

```
(  
    driver_id varchar(20),  
    reg_num int,  
    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)  
);
```

```
(Inserting values into person)
```

```
insert into Person values("A01","Richard","Srinivas nagar");  
insert into Person values("A02","Pradeep","Rajaji nagar");  
insert into Person values("A03","Smith","Ashok nagar");  
insert into Person values("A04","Venu","N R Colony ");  
insert into Person values("A05","Jhon","Hanumanth nagar");
```

```
(Inserting values into car)
```

```
insert into car values(052250,"Indica",1990);  
insert into car values(031181,"Lancer",1957);  
insert into car values(095477,"Toyota",1998);  
insert into car values(053408,"Honda",2008);  
insert into car values(041702,"Audi",2008);
```

(Inserting values into owns)

```
insert into owns values("A01",052250);
```

```
insert into owns values("A02",031181);
```

```
insert into owns values("A03",095477);
```

```
insert into owns values("A04",053408);
```

```
insert into owns values("A05",041702);
```

(Inserting values into accident)

```
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 end');
```

```
insert into accident values(14,'2008-02-17','Mysore road');
```

```
insert into accident values(15,'2004-03-05','Kanakapura road');
```

(Inserting values into participated)

```
insert into participated values('A01','052250',11,10000);
```

```
insert into participated values('A02','053408',12,50000);
```

```
insert into participated values('A03','095477',13,25000);
```

```
insert into participated values('A04','031181',14,3000);
```

```
insert into participated values('A05','041702',15,5000);
```

(Displaying all tables)

```
select * from Person;
```

```
select * from car;
```

```
select * from owns;
```

```
select * from accident;
```

```
select * from participated;
```

	driver_id	name	address
▶	A01	Richard	Srinivas nagar
	A02	Pradeep	Rajaji nagar
	A03	Smith	Ashok nagar
	A04	Venu	N R Colony
	A05	Jhon	Hanumanth nagar
*	NULL	NULL	NULL

	reg_num	model	year
▶	31181	Lancer	1957
	41702	Audi	2008
	52250	Indica	1990
	53408	Honda	2008
	95477	Toyota	1998
*	NULL	NULL	NULL

	driver_id	reg_num
▶	A02	31181
	A05	41702
	A01	52250
	A04	53408
	A03	95477
*	NULL	NULL

	report_num	accident_date	location
▶	11	2003-01-01	Mysore road
	12	2004-02-02	South end circle
	13	2003-01-21	Bull temple end
	14	2008-02-17	Mysore road
	15	2004-03-05	Kanakapura road
	16	2008-03-08	Domlur
	17	2008-03-05	NR Colony road
*	NULL	NULL	NULL

	driver_id	reg_num	report_num	damage_amount
▶	A01	52250	11	10000
	A02	53408	12	25000
	A03	95477	13	25000
	A04	31181	14	3000
	A05	41702	15	5000
*	NULL	NULL	NULL	NULL

Queries:

- Update the damage amount to 25000 for the car with a specific reg-num (example '053408') for which the accident report number was 12.

update participated

set damage_amount=25000

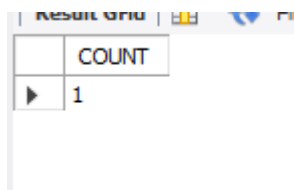
where reg_num='053408' and report_num=12;

- Find the total number of people who owned cars that were involved in accidents in 2008.

select count(distinct driver_id) COUNT

from participated a, accident b

where a.report_num=b.report_num and b.accident_date like '%08%';



Result Grid	
	COUNT
▶	1

- Add a new accident to the database.

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

select * from accident;

	report_num	accident_date	location
▶	11	2003-01-01	Mysore road
	12	2004-02-02	South end circle
	13	2003-01-21	Bull temple end
	14	2008-02-17	Mysore road
	15	2004-03-05	Kanakapura road
	16	2008-03-08	Domlur
	17	2008-03-05	NR Colony road
*	NULL	NULL	NULL

accident 24 x

- Display Accident date and location

select accident_date, location from accident;

	accident_date	location
▶	2003-01-01	Mysore road
	2004-02-02	South end circle
	2003-01-21	Bull temple end
	2008-02-17	Mysore road
	2004-03-05	Kanakapura road
	2008-03-08	Domlur
	2008-03-05	NR Colony road

- Display driver id who did accident with damage amount greater than or equal to Rs.25000

select driver_id from participated where damage_amount >= 25000;

	driver_id
▶	A02
	A03

