```sql
create database 1BM21CS053_insurance;

use 1BM21CS053_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,
```

```sql
    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)

```sql
    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)

```sql
    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);
```

(Dispalying 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.
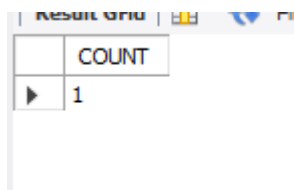
update participated

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%';

- 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 ✕

- 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