CAR INSURANCE DATA BASE

```sql
create database insurance;

use insurance;

create table person (driver_id varchar(10),

name varchar(20),

address varchar(30),

primary key(driver_id));


create table car(reg_num varchar(10),

model varchar(10),

year int,

primary key(reg_num));


create table accident(report_num int,

 accident_date date,

 location varchar(20),

primary key(report_num));


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));


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));
```

```sql
insert into person
 values
 ("A01","Richard","Srinivas nagar"),
 ("A02","Pradeep","Rajaji nagar"),
 ("A03","Smith","Ashok nagar"),
 ("A04","Venu","N R Colony"),
 ("A05","John","Hunumanth nagar");


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



insert into owns
 values
('A01', 'KA052250'),
('A02', 'KA053408'),
('A03', 'KA031181'),
('A04', 'KA095477'),
('A05', 'KA041702');



insert into accident
values
(11, '2003-01-01', 'Mysore Road'),
(12, '2004-02-02', 'South end Circle'),
(13, '2003-01-21', 'Bull temple Road'),
```

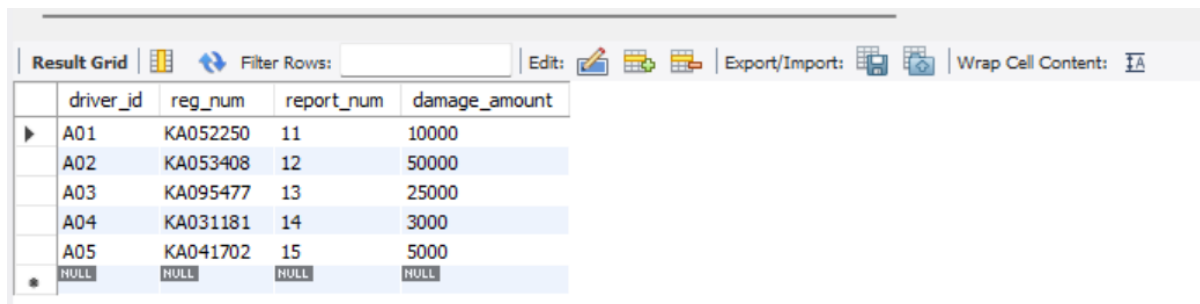(14, '2005-02-17', 'Mysore Road'),

(15, '2005-03-04', 'Kanakapura Road');

insert into participated

values

('A01', 'KA052250', 11, 10000),

('A02', 'KA053408', 12, 50000),

('A03', 'KA095477', 13, 25000),

('A04', 'KA031181', 14, 3000),

('A05', 'KA041702', 15, 5000);

select * from participated;

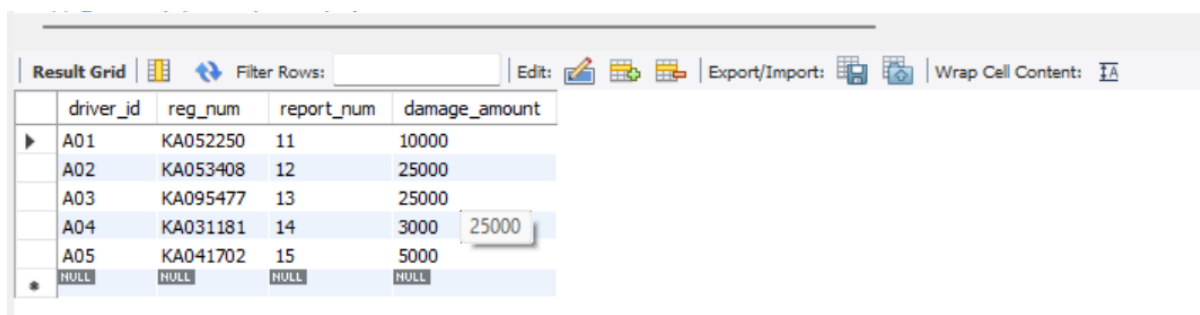|	driver_id	reg_num	report_num	damage_amount
▶	A01	KA052250	11	10000
	A02	KA053408	12	50000
	A03	KA095477	13	25000
	A04	KA031181	14	3000
	A05	KA041702	15	5000
*	NULL	NULL	NULL	NULL

update participated

set damage_amount=25000

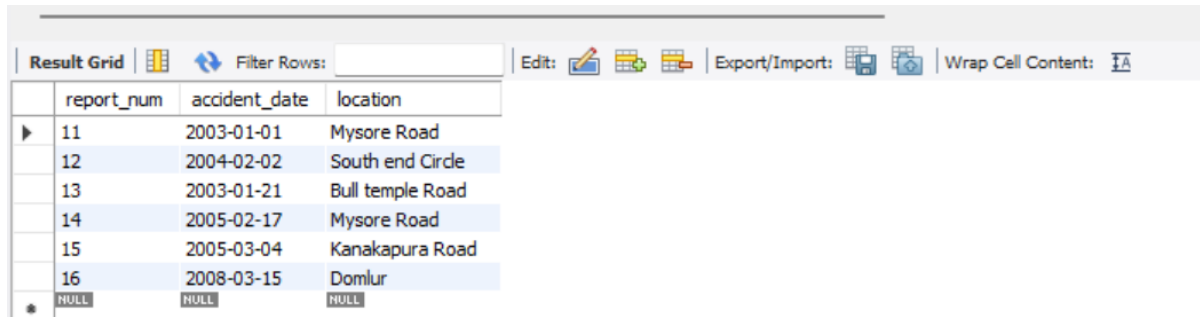where reg_num='KA053408' and report_num=12;

select *

from participated;

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

insert into accident values(16,'2008-03-15','Domlur');
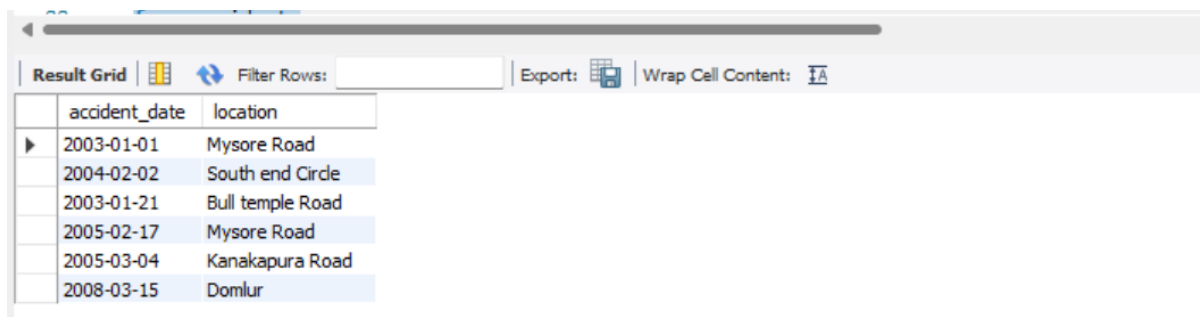
select * from accident;

report_num	accident_date	location
11	2003-01-01	Mysore Road
12	2004-02-02	South end Circle
13	2003-01-21	Bull temple Road
14	2005-02-17	Mysore Road
15	2005-03-04	Kanakapura Road
16	2008-03-15	Domlur
NULL	NULL	NULL
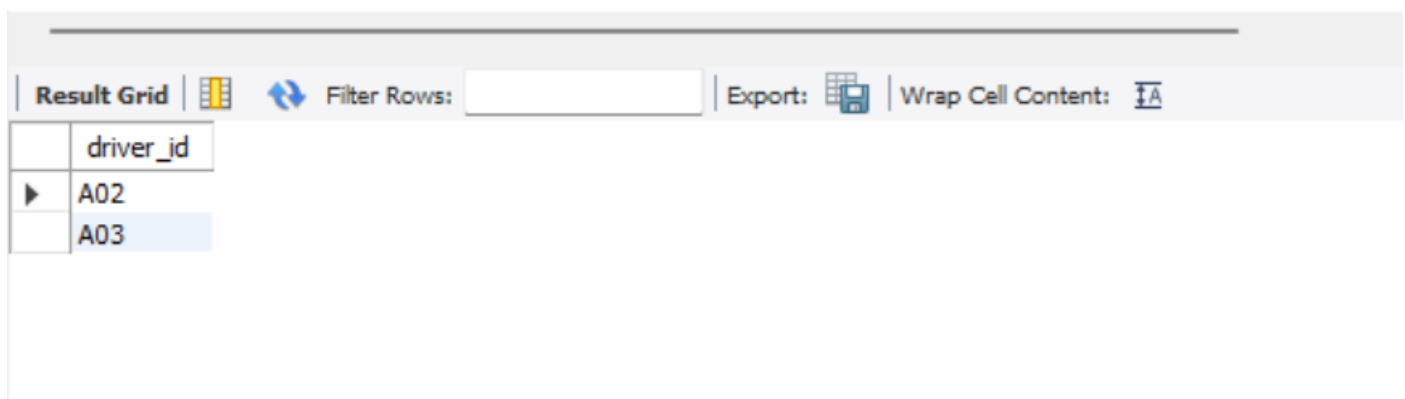
select accident_date, location

from accident;

accident_date	location
2003-01-01	Mysore Road
2004-02-02	South end Circle
2003-01-21	Bull temple Road
2005-02-17	Mysore Road
2005-03-04	Kanakapura Road
2008-03-15	Domlur

select driver_id

from participated

where damage_amount >=25000;

driver_id
A02
A03