

CAR INSURANCE DATA BASE

```
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));
```

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","Toyota",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'),
```

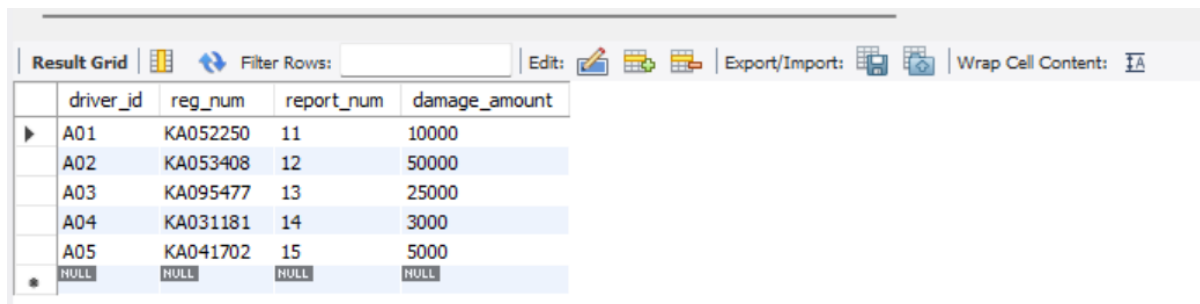
```
(14, '2005-02-17', 'Mysore Road'),  
(15, '2005-03-04', 'Kanakapura Road');
```

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

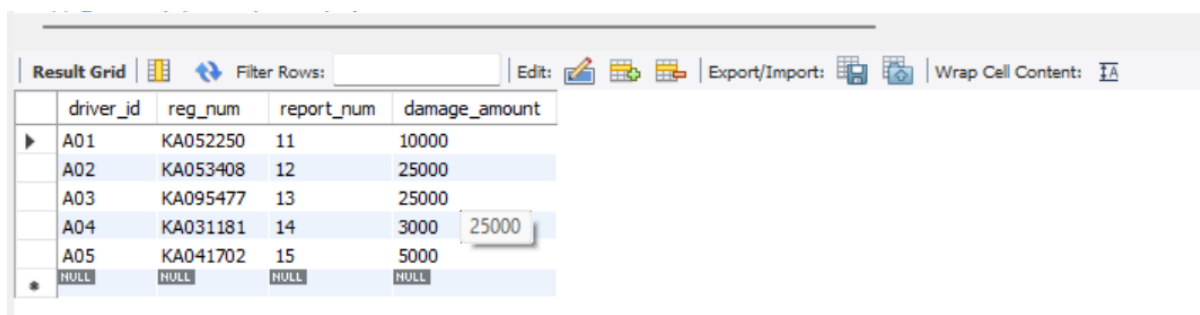
update participated

set damage_amount=25000

where reg_num='KA053408' and report_num=12;

```
select *
```

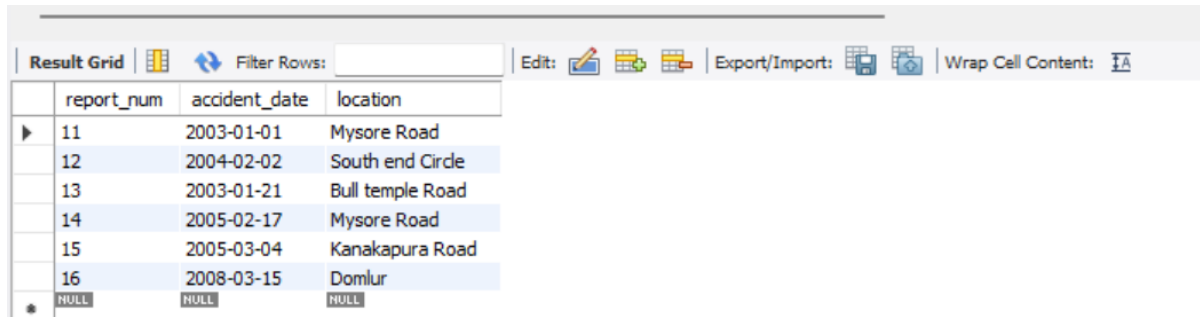
```
from participated;
```



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

```
insert into accident values(16,'2008-03-15','Domlur');
```

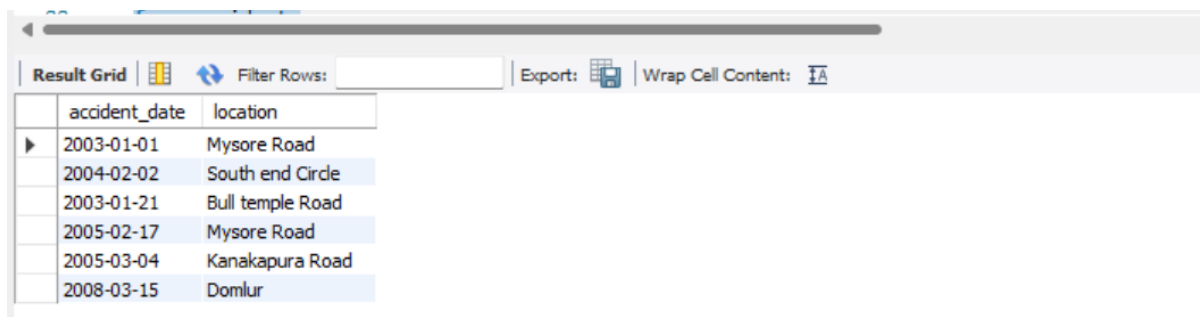
```
select * from accident;
```



The screenshot shows a database application interface with a 'Result Grid' tab. The grid contains 7 rows of data. The first six rows have report numbers 11 through 16, with corresponding accident dates and locations. The seventh row contains three NULL values. The interface includes a 'Filter Rows' field, an 'Edit' button, and 'Export/Import' and 'Wrap Cell Content' options.

	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

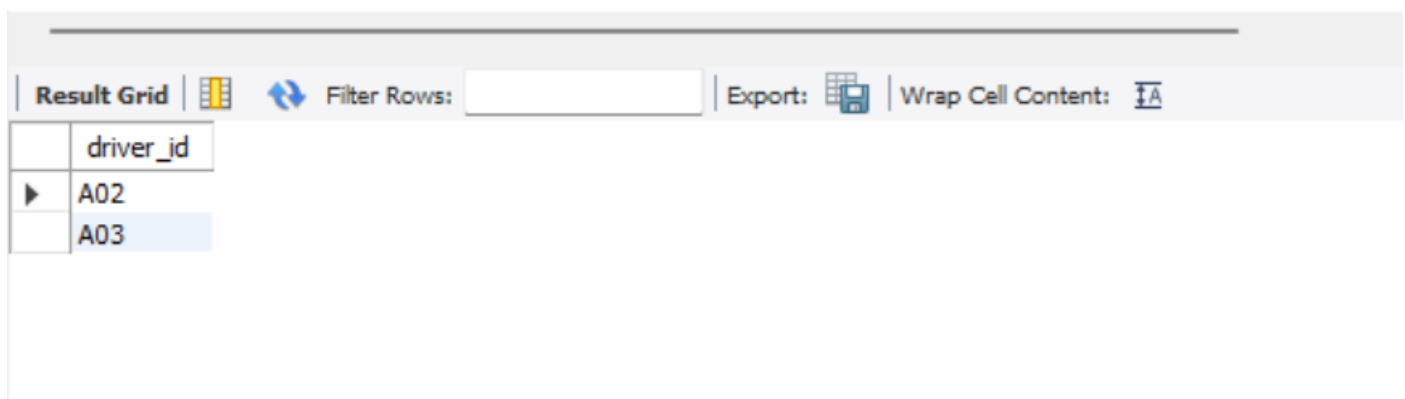
```
select accident_date, location  
from accident;
```



The screenshot shows the same database application interface, but the result grid now displays only 6 rows of data, filtered by report number. The columns are 'accident_date' and 'location'. The interface includes a 'Filter Rows' field, an 'Export' button, and a 'Wrap Cell Content' option.

	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;
```



The screenshot shows the database application interface with a 'Result Grid' tab. The grid contains 2 rows of data for driver IDs. The interface includes a 'Filter Rows' field, an 'Export' button, and a 'Wrap Cell Content' option.

	driver_id
▶	A02
	A03