

## Insurance Database

Person:

	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

Car:

	reg_num	model	year
▶	KA031181	Lancer	1957
	KA041702	Audi	2005
	KA052250	Indica	1990
	KA053408	Honda	2008
	KA095477	Toyota	1998
•	NULL	NULL	NULL

Owns:

	driver_id	reg_num
▶	A01	KA052250
	A02	KA053408
	A03	KA031181
	A04	KA095477
	A05	KA041702

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

## Insurance Database

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	2008-02-17	Mysore road
	15	2005-03-04	Kankpura road

### Queries:

Update the damage amount to 25000 for the car with a specific reg\_num (example 'KA053408') for which the accident report number was 12.

```
update participated set damage_amount=25000 where reg_num='KA053408' and report_num='12';
select * from participated;
```

Output:

	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

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

```
select count(driver_id)count
from participated ,accident
where participated.report_num=accident.report_num and
accident.accident_date like '%2008-02-17';
```

Output:

	count
▶	1

## Insurance Database

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;
```

Output:

	driver_id
▶	A02
	A03

List the entire participated relation in the descending order of damage amount.

```
select *
from participated
order by damage_amount desc;
```

Output:

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

Find the Average damage Amount.

```
select avg(damage_amount)
from participated;
```

Output:

	avg(damage_amount)
▶	13600.0000