```
create database insurance1;
use insurance1;
create table person(
 driver_id char(10),
name varchar(10),
address varchar(20),
primary key(driver_id)
);
create table car(
 reg_num char(10),
 model varchar(15),
 year year,
 primary key(reg_num)
 );
 create table owns(
 driver_id char(10),
 reg_num char(10),
 primary key(driver_id,reg_num),
 foreign key(driver_id) references person(driver_id) on delete cascade,
 foreign key(reg_num) references car(reg_num) on delete cascade
 );
 create table accidents(
 report_num int,
 accident_date char(10),
 location varchar(20),
```

```
primary key(report_num)
);
create table participated(
driver_id char(10),
reg_num char(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 accidents(report_num)
);
insert into person values('A01', 'Richard', 'Srinivas nagar'),
('A02', 'Sinah', 'Kormangala'),
('A03', 'Ryan', 'Church Streest'),
('A04', 'Shrijan', 'Rajajinagar'),
('A05', 'Shyam', 'NR colony');

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

```
 select * from person;
insert into owns values('A01', 'KA052250'),
 ('A02', 'KA053408'),
 ('A03', 'KA031181'),
 ('A04', 'KA095477'),
 ('A05', 'KA041702');

 insert into accidents values('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', 'Kanakpura 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 car;
select * from owns;
select * from accidents;
select * from participated;
desc participated;

select *
```

from participated

order by damage_amount desc;

select avg(damage_amount)

from participated;

select * from participated;

delete from participated where damage_amount<(select t.amt from(select avg(damage_amount)amt from participated)t);

select name

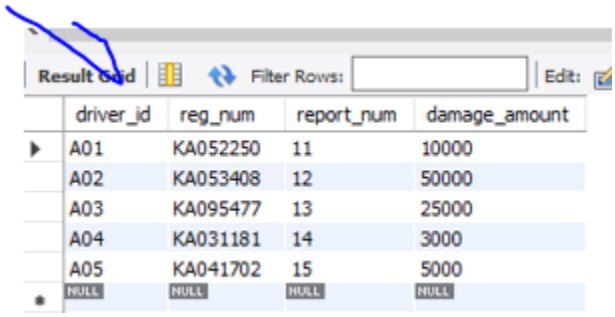
from person

where driver_id in(select driver_id from participated where damage_amount>(select avg(damage_amount)

from participated));

select max(damage_amount)

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

Result Grid | Filter Rows:

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	Kanakpura road
NULL	NULL	NULL

Result Grid | Filter Rows:

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

Result Grid | Filter Rows:

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

driver_id	name	address
A01	Richard	Srinivas nagar
A02	Sinah	Kormangala
A03	Ryan	Church Streest
A04	Shrijan	Rajajinagar
A05	Shyam	NR colony
NULL	NULL	NULL

driver_id	reg_num	report_num	damage_amount
A02	KA053408	12	50000
A03	KA095477	13	25000
NULL	NULL	NULL	NULL

Result Grid | Filter Ro

avg(damage_amount)
37500.0000

Result Grid | Filter Rows: | Edit:

driver_id	reg_num	report_num	damage_amount
A02	KA053408	12	50000
A03	KA095477	13	25000
NULL	NULL	NULL	NULL

Result Grid | Filter R

max(damage_amount)
50000

Result Grid | Filter Rows: | Edi

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