

```
create database Insurance;
```

```
use Insurance;
```

```
create table person
```

```
( driver_id char(10),
```

```
name varchar(20),
```

```
address varchar(20),
```

```
primary key(driver_id)
```

```
);
```

```
desc person;
```

```
create table car
```

```
(reg_no char(10),
```

```
model varchar(15),
```

```
year year,
```

```
primary key(reg_no)
```

```
);
```

```
show tables;
```

```
create table owns
```

```
( driver_id char(10),
```

```
reg_no char(10),
```

```
primary key(driver_id, reg_no),
```

```
foreign key(driver_id) references person(driver_id) ,
```

```
foreign key(reg_no) references car(reg_no)
```

```
);
```

```
desc owns;
```

```
create table accident
(report_no int,
accident_date date,
location varchar(20),
primary key(report_no)
);
```

```
create table participated
(driver_id char(10),
reg_no char(10),
report_no int,
damage_amount int,
primary key(driver_id, reg_no, report_no),
foreign key(driver_id) references person(driver_id),
foreign key(reg_no) references car(reg_no),
foreign key(report_no) references accident(report_no)
);
```

```
show tables;
```

```
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, '2008-02-17', 'Mysore Roa'), (15, '2004-03-05', 'Kanakpura Road');
```

```
select * from accident;
```

```
insert into person values ('A01', 'Richard', 'Srinivas nagar'), ('A02', 'Pradeep', 'Rajaji
nagar'), ('A03', 'Smith', 'Ashok nagar'),
('A04', 'Venu', 'N R Colony'), ('A05', 'Jhon', 'Hanumanth nagar');
```

```
select * from person;
```

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

```
select * from car;
```

```
insert into owns
values('A01','KA052250'),('A02','KA031181'),('A03','KA095477'),('A04','KA053408'),('a05','KA041702')
;
```

```
select * from owns;
```

```
insert into participated values('A01','KA052250','11','10000'),('A02','KA031181','12','50000'),
('A03','KA095477','13','25000'),('A04','KA053408','14','3000'),('A05','KA041702','15','5000');
```

```
select * from participated;
```

```
show tables;
```

```
update participated
set damage_amount='25000'
where reg_no='KA04';
```

```
select * from participated;
```

```
select * from car order by year asc;
```

	reg_no	model	year
▶	KA031181	Lancer	1957
	KA052250	Indica	1990
	KA095477	toyota	1998
	KA041702	Audi	2005
	KA053408	Honda	2008
*	NULL	NULL	NULL

```

select count(report_no)
from car c, participated p
where c.reg_no=p.reg_no AND c.model='Lancer';

```

	count(report_no)
▶	1

```

select count(distinct driver_id) CNT
from participated a, accident b
where a.report_no=b.report_no and b.accident_date like '__08%';

```

	CNT
▶	0

```

select * from participated order by damage_amount desc;

```

	driver_id	reg_no	report_no	damage_amount
▶	A02	KA031181	12	50000
	A03	KA095477	13	25000
*	NULL	NULL	NULL	NULL

```

select avg(damage_amount) from participated;

```

	avg(damage_amount)
▶	37500.0000

```

select max(damage_amount) from participated;

```

	max(damage_amount)
▶	50000

```

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

```

	driver_id	reg_no	report_no	damage_amount
▶	A02	KA031181	12	50000
*	NULL	NULL	NULL	NULL

```

select name
from person
where driver_id in(select driver_id
from participated
where damage_amount>(select avg(damage_amount)
from participated));

```

```

insert into accident values('20', '2021-10-01','BasavanaGudi'),('16', '2021-11-12','Banashankari');

```

```

select * from accident;
select * from participated;

```

```

select count(distinct report_no) CNT
from accident
where accident_date like '___21%';

```

	CNT
▶	2