```sql
create database INSURANCE;
use INSURANCE;


create table PERSON(
driver_id char(3),
name varchar(255),
address varchar(255),
primary key(driver_id)
);
 create table CAR(
 reg_num char(8),
 model varchar(255),
 year int,
 primary key(reg_num)
 );

 create table OWNS(
 driver_id char(3),
 reg_num char(8),
 primary key(driver_id,reg_num),
 foreign key(driver_id) references PERSON(driver_id),
 foreign key(reg_num) references CAR(reg_num)
 );

 create table ACCIDENT(
 report_num int not null,
 accident_date date,
 loaction varchar(255),
 primary key(report_num)
 );

 create table PARTICIPATED(
 driver_id char(3) not null,
 reg_num char(8) not null,
 report_num int not null,
 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)
 );
alter table ACCIDENT modify accident_date varchar(255);

alter table ACCIDENT modify accident_date date;
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', 'KA053408'), ('A03', 'KA031181'), ('A04',
'KA095477'), ('A05', 'KA041702');
select * from OWNS;
insert into ACCIDENT values (11, '2003-01-01', 'Mysore Road'), (12, '2004-02-02', 'South End
Circle'), (13, '2003-01-21', 'Bull Temple Road'),
```

```sql
(14, '2008-02-17', 'Mysore Road'), (15, '2005-03-04', 'Kanakpura Road');
select * from ACCIDENT;
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;

update PARTICIPATED set damage_amount=25000 where report_num=12 and
reg_num='KA053408';
select count(reg_num),year from CAR where year=2008;

select count(reg_num),model from CAR where model='Lancer';

select * from PARTICIPATED order by damage_amount desc;

select avg(damage_amount) as average_damage_amount from PARTICIPATED;

delete from PARTICIPATED where damage_amount < (select avg(damage_amount) from
PARTICIPATED);

select name from PERSON,PARTICIPATED where PERSON.driver_id= PARTICIPATED.driver_id
and
PARTICIPATED.damage_amount>(select avg(damage_amount) from PARTICIPATED);

select max(damage_amount)
from PARTICIPATED;

update OWNS,CAR set OWNS.reg_num='KA05MC001',CAR.reg_num='KA05MC001' where
OWNS.reg_num=CAR.reg_num and OWNS.driver_id=(select driver_id from PERSON where
name='Smith');
update CAR set model='Audi',year=2018 where reg_num='KA05MC001';
insert into ACCIDENT values (16,'2019-03-01','Bull Temple');
update PARTICIPATED set report_num=16 ;
update PARTICIPATED set reg_num='KA05MC001',damage_amount=75000 where
driver_id=(select driver_id from PERSON where name='Smith');


select o.driver_id,o.reg_num from OWNS o,CAR c where c.reg_num=o.reg_num and
c.model='indica';

select reg_num from PARTICIPATED where report_num in(select report_num from ACCIDENT
where accident_date between '2203-01-01' and '2005-12-31');

select count(report_num) from ACCIDENT where location like '%Mysore%';

select p.driver_id,p.name from PERSON p,PARTICIPATED p1 where p.driver_id=p1.driver_id and
p1.driver_id in (select driver_id from PARTICIPATED where damage_amount>(select
avg(damage_amount) from PARTICIPATED));

select count(report_num) from ACCIDENT where accident_date between '2008-01-01' and
'2008-12-31';
```