Create the above tables by properly specifying the primary keys and the foreign keys.

```
create database insurance5;
use insurance5;
create table person
(driver_id char(10),
name varchar(20),
address varchar(20),
primary key(driver_id)
);
desc person;
create table car
(reg_num char(10),
model varchar(10),
year year(4),
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),
foreign key(reg_num) references car(reg_num)
);
create table participated
(driver_id char(10),
reg_num char(10),
report_num int(4),
damage_amount int(6),
```

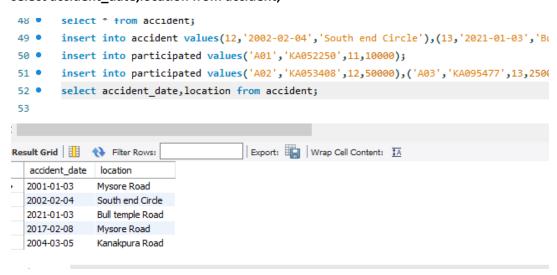
```
primary key(driver_id,reg_num,report_num),
foreign key(driver_id) references person(driver_id),
foreign key(reg_num) references car(reg_num),
foreign key(report num) references accident(report num)
);
create table accident
(report_num int(4),
accident_date date,
location varchar(20),
primary key(report_num)
);
desc accident;
Enter at least five tuples for each relation
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);
select * from car;
insert into car
values('KA031181','Lancer',1957),('KA095477','Toyota',1998),('KA053408','Honda',2008),('KA041702','Au
di',2005);
insert into owns
values('A01','KA052250'),('A02','KA053408'),('A03','KA031181'),('A04','KA095477'),('A05','KA041702');
select * from owns;
insert into accident values(11,'2001-01-03','Mysore Road');
select * from accident;
insert into accident values(12,'2002-02-04','South end Circle'),(13,'2021-01-03','Bull temple
Road'),(14,'2017-02-08','Mysore Road'),(15,'2004-03-05','Kanakpura Road');
insert into participated values('A01','KA052250',11,10000);
```

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

Queries:

1. Display Accident date and location

select accident_date,location from accident;

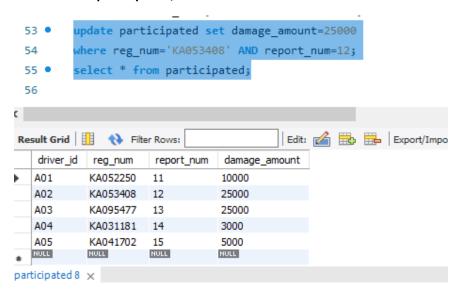


Update the damage amount to 25000 for the car with a specific reg_num (example 'K A053408') for which the accident report number was 12.

update participated set damage_amount=25000

where reg_num='KA053408' AND report_num=12;

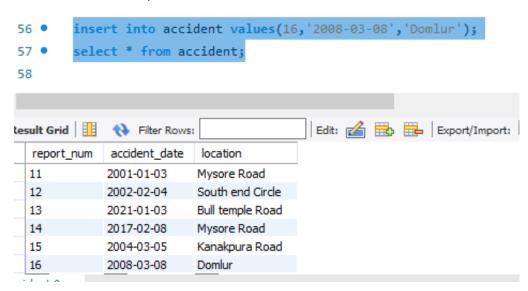
select * from participated;



3. Add a new accident to the database.

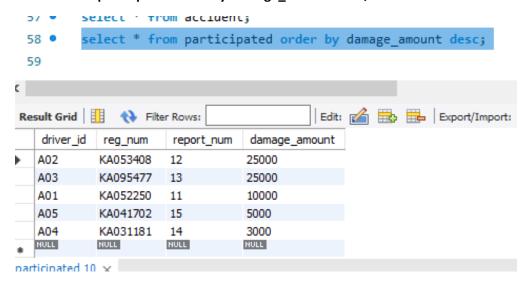
insert into accident values(16,'2008-03-08','Domlur');

select * from accident;



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

select * from participated order by damage_amount desc;

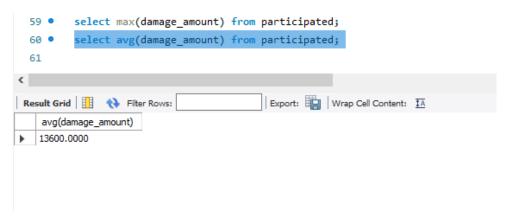


5. Find maximum damage amount.

select max(damage_amount) from participated;

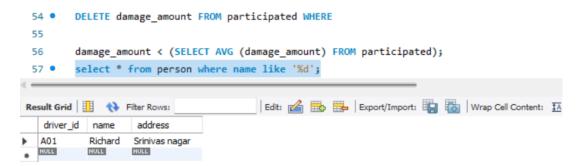
6. Find the average damage amount

select avg(damage_amount) from participated;

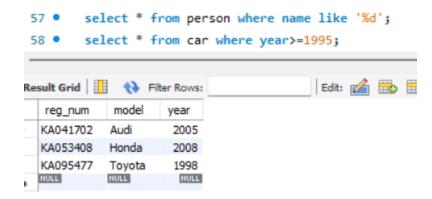


7. Find the person details in which their name ends with letter d.

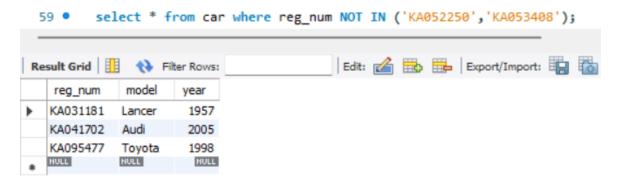
select * from person where name like '%d';



8. Find the car details where the year of purchase is 1995 and above.



9. Find the car details in which the register number KA052250 and KA053408 is not included.



10. Find the distinct locations from accident table.

select distinct location from accident;

