create database insurance1;

use insurance1;

create table person (driver\_id char(10), name varchar(20), address varchar(20), primary key (driver\_id) );

show tables;

desc person;

create table car (reg\_num char(10), model varchar(15), year year, primary key(reg\_num));

show tables;

desc car;

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);

show tables;

desc owns;

create table accident(

report\_num int(10),

accident\_date date,

location char(30),

primary key(report\_num));

show tables;

create table participated (

driver\_id char(10),

reg\_num char(10),

report\_num int,

damage\_amount int,

primary key (report\_num, 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,

foreign key(report\_num) references accident(report\_num)

);

show tables;

insert into person values('A01', 'Richard', 'Srinivas Nagar');

insert into person values('A02', 'Pradeep', 'Rajaji Nagar');

insert into person values('A03', 'Smith', 'Ashok Nagar');

insert into person values('A04', 'Venu', 'N R Colony');

insert into person values('A05', 'John', 'Hanumanth Nagar');

select \* from person;

insert into car values('KA052250', 'Indica', 1990);

insert into car values('KA031181', 'Lancer', 1957);

insert into car values('KA095477', 'Toyota', 1998);

insert into car values('KA053408', 'Honda', 2008);

insert into car values('KA041702', 'Audi', 2005);

select \* from car;

insert into accident values(11, '2003-01-01', 'Mysore Road');

insert into accident values(12, '2004-02-02', 'South End Circle');

insert into accident values(13, '2003-01-21', 'Bull Temple Road');

insert into accident values(14, '2008-02-017', 'Mysore Road');

insert into accident values(15, '2004-03-05', 'Kanakapura Road');

select \* from accident;

drop table owns;

insert into owns values('A01', 'KA052250');

insert into owns values('A02', 'KA053408');

insert into owns values('A03', 'KA031181');

insert into owns values('A04', 'KA095477');

insert into owns values('A05', 'KA041702');

select \* from owns;

insert into participated values('A01', 'KA052250',11, 10000);

insert into participated values('A02', 'KA053408',12, 50000);

insert into participated values('A03', 'KA095477',13, 25000);

insert into participated values('A04', 'KA031181',13, 3000);

insert into participated values('A03', 'KA041702',13, 5000);

drop table owns;

select \* from owns;

select accident\_date, location from accident;

select driver\_id from participated where damage\_amount>=25000;

select \* from participated;

update participated set damage\_amount = 25000 where reg\_num = 'KA053408' and report\_num = 12;

select \* from accident;

select count(distinct driver\_id) CNT from participated a, accident b where a.report\_num and b.accident\_date like '2008%';

select \* from person;

select \* from participated;

select \* from participated order by damage\_amount desc;

select avg(damage\_amount) from participated;

# delete from participated where damage\_amount < (select avg(damage\_amount) from participated);

# select name from person where (select driver\_id from participated where damage\_amount > (select avg(damage\_amount) from participated));

select p.name, c.damage\_amount from person p, participated c where p.driver\_id = c.driver\_id and c.damage\_amount > (select avg(damage\_amount) from participated);

select max(damage\_amount) from participated;

select count(report\_num) from car c, participated p where c.reg\_num=p.reg\_num and c.model='Lancer';

select count(distinct driver\_id)CNT from participated a, accident b where a.report\_num=b.report\_num and b.accident\_date like '2008%';

select \* from accident;

select \* from participated;

delete from participated where damage\_amount < (select t.damage\_amount from (select avg(damage\_amount) as damage\_amount from participated)t) ;

select \* from participated;















