create table person (driver\_id varchar(10),

name varchar(20), address varchar(30), primary key(driver\_id));

desc person;

insert into person

values ('AO1', 'RICHARD', 'Srinivas nagar'),

('AO2', 'PRADEEP', 'Rajaji nagar'),

('AO3', 'SMITH', 'Ashok nagar'),

('AO4', 'VENU', 'N R Colony'),

('AO5', 'JOHN', 'Hanumanth nagar');

select \* from person;

create table car(reg\_num varchar(10),model varchar(10),year int, primary

key(reg\_num));

desc car;

insert into car

values ('KA052250', 'INDICA', 1990),

('KA031181', 'LANCER', 1957),

('KA095477', 'TOYOTO', 1998),

('KA053408', 'HONDA', 2008),

('KA041702', 'AUDI', 2005);

select \* from car;

create table accident(report\_num int, accident\_date date, location

varchar(20),primary key(report\_num));

desc accident;

insert into accident

values (11, '2003-01-03', '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');

select \* from accident;

create table owns(driver\_id varchar(10),reg\_num varchar(10),

primary key(driver\_id, reg\_num),

foreign key(driver\_id) references person(driver\_id),

foreign key(reg\_num) references car(reg\_num));

desc owns;

insert into owns values('AO1', 'KA052250');

insert into owns values('AO2', 'KA053408');

insert into owns values('AO3', 'KA031181');

insert into owns values('AO4', 'KA095477');

insert into owns values('AO5', 'KA041702');

select \* from owns;

create table participated(driver\_id varchar(10), reg\_num varchar(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 accident(report\_num));

desc participated;

insert into participated values('AO1', 'KA052250', 11, 10000);

insert into participated values('AO2', 'KA053408', 12, 50000);

insert into participated values('AO3', 'KA095477', 13, 25000);

insert into participated values('AO4', 'KA031181', 14, 3000);

insert into participated values('AO5', 'KA041702', 15, 5000);

select \* from participated;

update participated

set damage\_amount=25000

where reg\_num='KA053408' and report\_num=12;

select \* from participated;

select driver\_id

from participated

where damage\_amount>=25000;

select accident\_date, location

from accident;

insert into accident

values(16, '2009-06-01', 'Hulimavu');

select \* From accident;

select \* from car

order by year asc;

select count(distinct driver\_id) CNT

from participated a, accident b

where a.report\_num=b.report\_num and b.accident\_date like '%08';

select \* from participated

order by damage\_amount desc;

select avg(damage\_amount) as average\_damage\_amount from participated;

select p.name

from person p, participated pa

where p.driver\_id=pa.driver\_id and pa.damage\_amount>(select avg(damage\_amount) from participated);

select max(damage\_amount) from participated;

select damage\_amount,driver\_id

from participated

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