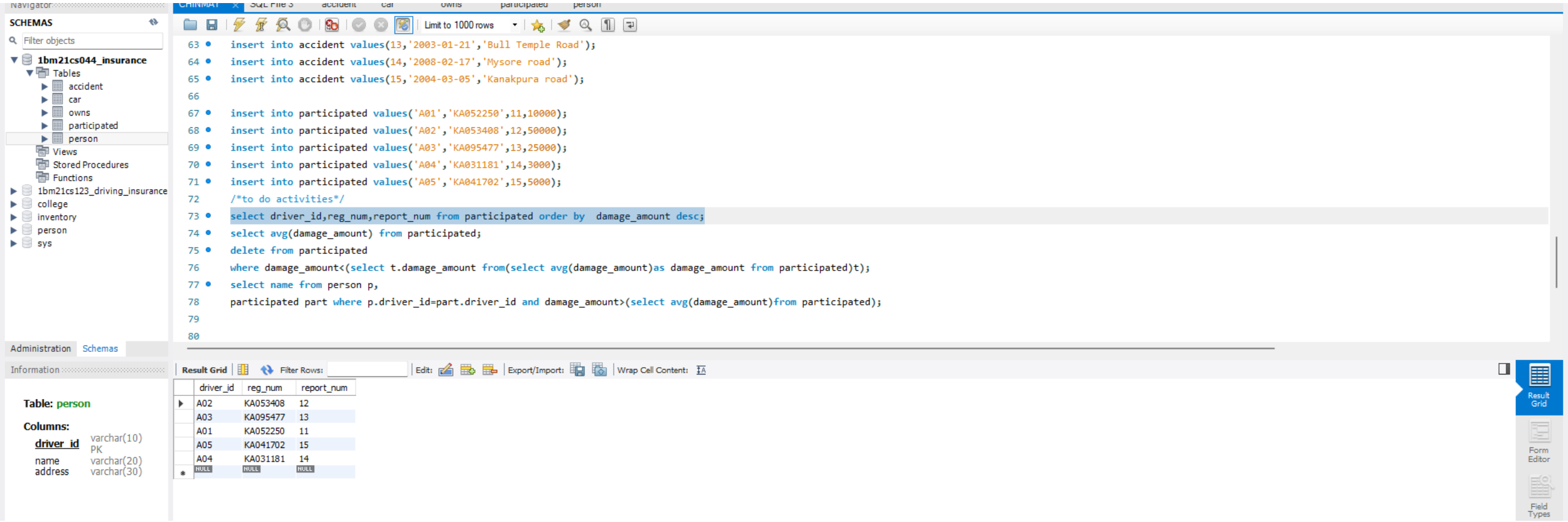
```
create database 1BM21CS044_insurance;

create table person(
driver_id varchar(10),
name varchar(20),
address varchar(30),
primary key(driver_id)
);

create table car(
reg_num varchar(10),
model varchar(10),
year int,
primary key(reg_num)
);

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

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)
);

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)
);

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','Jhon','Hanumanth nagar');
```

Week 2
1BM21CS044

```
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');

insert into owns values('A01','KA052250');
insert into owns values('A02','KA031181');
insert into owns values('A03','KA095477');
insert into owns values('A04','KA053408');
insert into owns values('A05','KA041702');

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,'2008-02-17','Mysore road');
insert into accident values(15,'2004-03-05','Kanakpura road');

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',14,3000);
insert into participated values('A05','KA041702',15,5000);
/*to do activities*/
select driver_id,reg_num,report_num from participated order by  damage_amount desc;
select avg(damage_amount) from participated;

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

select name from person p,
participated part where p.driver_id=part.driver_id and damage_amount>(select avg(damage_amount)from participated);

select max(damage_amount)
from participated;


/*queries given in pdf*/
select*from car order by year asc;

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)
from participated a,accident b
where a.report_num=b.report_num and b.accident_date like'__08%';
```

Query 1


SCHEMAS
Filter objects
1bm21cs044_insurance
Tables
accident
car
owns
participated
person
Views
Stored Procedures
Functions
1bm21cs123_driving_insurance
college
inventory
person
sys
Administration
Schemas
Information
Table: person
Columns:
driver_id varchar(10) PK
name varchar(20)
address varchar(30)
Limit to 1000 rows
63 insert into accident values(13,'2003-01-21','Bull Temple Road');
64 insert into accident values(14,'2008-02-17','Mysore road');
65 insert into accident values(15,'2004-03-05','Kanakpura road');
66
67 insert into participated values('A01','KA052250',11,10000);
68 insert into participated values('A02','KA053408',12,50000);
69 insert into participated values('A03','KA095477',13,25000);
70 insert into participated values('A04','KA031181',14,3000);
71 insert into participated values('A05','KA041702',15,5000);
72 /*to do activities*/
73 select driver_id,reg_num,report_num from participated order by damage_amount desc;
74 select avg(damage_amount) from participated;
75 delete from participated
76 where damage_amount<(select t.damage_amount from(select avg(damage_amount)as damage_amount from participated)t);
77 select name from person p,
78 participated part where p.driver_id=part.driver_id and damage_amount>(select avg(damage_amount)from participated);
79
80
Result Grid
Filter Rows:
Edit:
Export/Import:
Wrap Cell Content:
driver_id reg_num report_num
A02 KA053408 12
A03 KA095477 13
A01 KA052250 11
A05 KA041702 15
A04 KA031181 14
NULL NULL NULL
Result Grid
Form Editor
Field Types

Query 2

```
74 •  select avg(damage_amount) from participated;
75 •  delete from participated
76    where damage_amount<(select t.damage_amount from(select avg(damage_amount)as damage_amount from participated)t);
77 •  select name from person p,
78    participated part where p.driver_id=part.driver_id and damage_amount>(select avg(damage_amount)from participated);
79
80
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

avg(damage_amount)
18600.0000

query3

```
75  delete from participated
76  where damage_amount<(select t.damage_amount from(select avg(damage_amount)as damage_amount from participated)t);
77  select name from person p,
78  participated part where p.driver_id=part.driver_id and damage_amount>(select avg(damage_amount)from participated);
79
80
81  /*queries given in pdf*/
82  select*from car order by year asc;
83
84  select count(report_num)
85  from car c,participated p
86  where c.reg_num=p.reg_num and c.model='Lancer';
87
88  select count(distinct driver_id)
89  from participated a,accident b
90  where a.report_num=b.report_num and b.accident_date like'__08%';
91
92
```

Output

Action Output

#	Time	Action	Message
1	05:31:16	delete from participated where damage_amount<(select t.damage_amount from(select avg(damage_amount)as damage_amount from participated)t)	3 row(s) affected
2	05:31:29	SELECT * FROM 1bm21cs044_insurance.participated LIMIT 0, 1000	2 row(s) returned

Result Grid | Filter Rows: | Edit:

driver_id	reg_num	report_num	damage_amount
A02	KA053408	12	50000
A03	KA095477	13	25000
NULL	NULL	NULL	NULL

Query 4

```
77  select name from person p,
78  participated part where p.driver_id=part.driver_id and damage_amount>(select avg(damage_amount)from participated);
79
80
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

name
Pradeep
Smith

Query 5

```
73  select driver_id,reg_num,report_num from participated order by  damage_amount desc;
74  select avg(damage_amount) from participated;
75  delete from participated
76  where damage_amount<(select t.damage_amount from(select avg(damage_amount)as damage_amount from participated)t);
77  select name from person p,
78  participated part where p.driver_id=part.driver_id and damage_amount>(select avg(damage_amount)from participated);
79  select max(damage_amount)
80  from participated;
81
```

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

max(damage_amount)
50000