

```
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, report-on 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 accident values (11, '2003-01-01',
'mysore road');

Insert into accident values (12, '2004-02-02', 'Bull
temp Road');

Insert into accident values (13, '2003-01-21', 'Bull
temp Road');

Insert into accident values (14, '2004-02-12', 'mysore
Road');

Insert into accident values (15, '2004-03-05', 'Kanak-
pur Road');

Insert into car values ('PA0823764', 'abcd', '2001');

Insert into car values ('KA267476', 'COEF', '2002');

Insert into car values ('AS1633318', 'xyz', '2005');

Insert into car values ('KS3764', 'E3K', '2006');

Insert into car values ('PL3644623', 'qrs', '2008');

Insert into person values ('K01', 'Kunal', 'Pune');

Insert into person values ('A01', 'Ankit', 'KTM');

Insert into person values ('P02', 'ADVIK', 'CEMP');

Insert into person values ('MSV3', 'ARX', 'Mumbai');

Insert into person values ('FYPU', 'Venu', 'Pune');

Inserted into owns values ('K01', 'PA0823764');

Inserted into owns values ('A01', 'KA267476');

Inserted into owns values ('P02', 'AS1633318');

Inserted into owns values ('MSV3', 'KS3764');

Inserted into owns values ('FYPU', 'PL3644623');

Inserted into participated values ('K01', 'PA0823764',
11, 10000);

Inserted into participated values ('A01', 'KA267476',
12, 12000);

inserted into participated values ('P02', 'AS163338',
13, 15000);

inserted into participated values ('INSV3', 'KS376U',
14, 16000);

inserted into participated values ('FYP4', 'PL364462',
15, 13000);

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

update participated set damage_amount = 25000
where reg_num = 'KS376U' and report_num = 14;

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 PARTICIPATED ORDER BY ~~AM~~
DAMAGE-AMOUNT DESC;

SELECT AVG (DAMAGE-AMOUNT) FROM PARTICIPATED;

~~SELECT~~ SELECT NAME FROM PERSON A, PARTICIPA-
TED B WHERE A.DRIVER_ID = B.DRIVER_ID AND
DAMAGE-AMOUNT > (SELECT AVG (DAMAGE-AMOUNT)
FROM PARTICIPATED);

SELECT MAX (DAMAGE-AMOUNT) FROM PARTICI-
PATED;

SELECT * FROM accident;
SELECT * FROM person;
SELECT * FROM car;

SELECT * FROM owns ;
 SELECT * FROM owns ;
 SELECT * FROM participants ;

report-num	accident-date	location
11	2003-01-01	Mysore Road
12	2004-02-02	South End Circle
13	2003-01-21	Bell temple Road
14	2008-02-17	Mysore Road
15	2004-03-05	Kanakpur Road
16	2008-03-09	Dominar

driver-id	name	address
101	Kunal	Pune
102	Aniket	KTN
103	Aditya	Delhi
104	Arya	Mumbai
105	Venky	Patna

reg-num	model	year
DS163331P	XYZ	2005
BA267476	CDEF	2002
RS376L	TSK	2006
PA082376L	abcd	2001
PL364462J	GRS	2008

diffic-Pd	reg-num
Do2	AS1633312
AO1	KA263476
GSV3	KS3764
KOL	PA0823364
FYDU	PL3644623

diffic-Pd	reg-num	report-num	damage-amount
AO1	KA263476	12	12000
FYDU	PL3644623	15	13000
GSV3	KS3764	14	25000
KOL	PA0823364	11	10000
Do2	AS1633312	13	15000

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diffic-Pd	reg-num	report-num	damage-amount
GSV3	KS3764	14	25000
Do2	AS1633312	13	15000
FYDU	PL3644623	15	13000
AO1	KA263476	12	12000
KOL	PA0823364	11	10000

15000

ARK

25000