```sql
create database INSURANCE12;

use INSURANCE12;

create table PERSON(driver_id varchar(20) PRIMARY KEY,
                    name char(50), address varchar(100));

create table CAR(reg_num varchar(30) PRIMARY KEY,
                 model varchar(30), year int);

create table ACCIDENT(report_num int PRIMARY KEY, accident_date DATE,
                      location varchar(50));

create table OWNS(driver_id varchar(20), 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(20), 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 PERSON;

desc CAR;

desc ACCIDENT;

desc OWNS;

desc PARTICIPATED;

insert into PERSON values("A01","Richard","Srinivas Nagar"),
                         ("A02","Pradeep","Rajaji Nagar"),
                         ("A03","Smith","Ashok Nagar"),
                         ("A04","Venu","NR Colony"),
                         ("A05","Jhon","Hanumanth Nagar");

insert into CAR values("KA052250","Indica",1990),
                      ("KA031181","Lancer",1957),
                      ("KA095477","Toyota",1998),
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                        ("KA053408","Honda",2008),

                        ("KA041702","Audi",2005);
insert into OWNS values("A01","KA052250"),

                                                ("A02","KA053408"),

                        ("A03","KA031181"),

                        ("A04","KA095477"),

                        ("A05","KA041702");
insert into ACCIDENT values(11, '2003-01-01',"Mysore Road"),

                                                (12, '2004-02-02',"South End Circle"),

                        (13, '2021-01-03',"Bull temple Road"),

                        (14, '2008-02-17',"Mysore Road"),

                        (15, '2005-03-04',"Kanakpura Road");
insert into PARTICIPATED values("A01","KA052250",11,10000),

                                                ("A02","KA053408",12,50000),

                        ("A03","KA095477",13,25000),

                        ("A04","KA031181",14,3000),

                        ("A05","KA041702",15,5000);
SELECT * FROM person;

SELECT * FROM car;

SELECT * FROM Accident;

SELECT * FROM Participated;

SELECT * FROM owns;
```

SELECT * FROM participated ORDER
BY damage_amount DESC;

	driver_id	reg_num	report_num	damage_amount
▶	A04	KA031181	14	3000
	A05	KA041702	15	5000
	A01	KA052250	11	10000
	A03	KA095477	13	25000
	A02	KA053408	12	50000
*	NULL	NULL	NULL	NULL

SELECT AVG(damage_amount) FROM participated;

avg(damage_amount)
37500.0000

SELECT MAX(damage_amount) FROM participated;

max(damage_amount)
50000

SELECT name FROM person

WHERE driver_id in(select driver_id from partici

where damage_amount>(select
avg(damage_amount) from participated));

name
Pradeep
Smith

delete

from participated

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

select * from participated;

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64 •    SELECT * FROM PARTICIPATED;
```

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