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

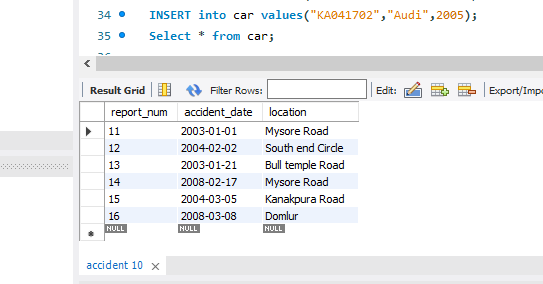
INSERT into accident values (12,'2004-02-02',"South end Circle");

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");

Select \* from accident;



INSERT into car values("KA052250","Indica",1990);

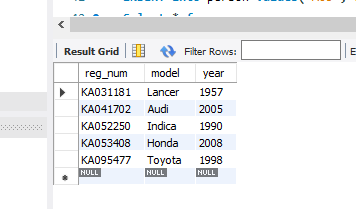
INSERT into car values("KA031181","Lancer",1957);

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 person values("A01","Richard","Srinivas nagar");

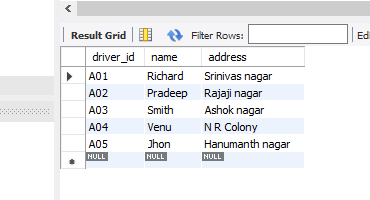
INSERT into person values("A02","Pradeep","Rajaji nagar");

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");

Select \* from person;



INSERT into owns values("A01","KA052250");

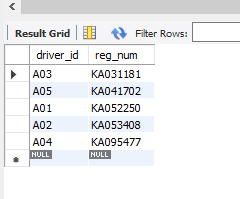
INSERT into owns values("A02","KA053408");

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);

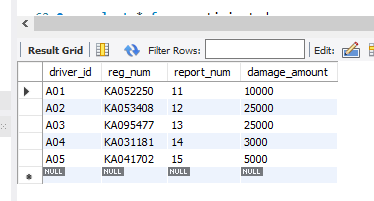
INSERT into participated values("A02","KA053408",12,50000);

INSERT into participated values("A03","KA095477",13,25000);

INSERT into participated values("A04","KA031181",14,3000);

INSERT into participated values("A05","KA041702",15,5000);

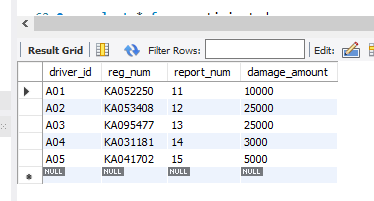
select \* from participated;



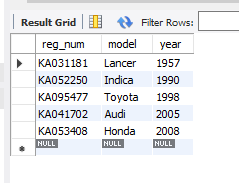
update participated set damage\_amount=25000

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

select \* from participated;



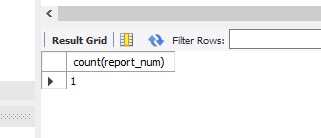
select \* from car order by year asc;



select count(report\_num)

from car c, participated p

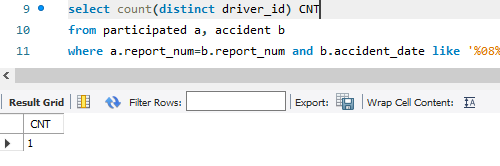
where c.reg\_num=p.reg\_num and c.model='Lancer';



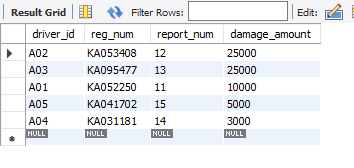
select count(distinct driver\_id) CNT

from participated a, accident b

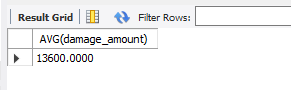
where a.report\_num=b.report\_num and b.accident\_date like '%08%';



SELECT \* FROM participated ORDER BY damage\_amount DESC;

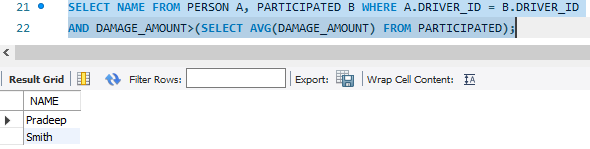


SELECT AVG(damage\_amount) FROM participated;



SELECT NAME FROM PERSON A, PARTICIPATED B WHERE A.DRIVER\_ID = B.DRIVER\_ID

AND DAMAGE\_AMOUNT>(SELECT AVG(DAMAGE\_AMOUNT) FROM PARTICIPATED);



SELECT MAX(DAMAGE\_AMOUNT) FROM PARTICIPATED;

