```
create user shreyash identified by shreyash007;

grant dba to shreyash;


create table person( driver_id varchar(5),name varchar(20),address varchar(30));

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

create table owns(driver_id varchar(5),reg_num varchar(10));

create table accident(report_num int,accident_date date,location varchar(30));

create table participated(driver_id varchar(5),reg_num varchar(10),report_num int,damage_amount
int);


desc participated;


alter table person

add primary key(driver_id);



alter table car

add primary key(reg_num,reg_num);


alter table owns

add constraint pk_owns primary key(driver_id,reg_num);


alter table owns

ADD CONSTRAINT fk1_owns

FOREIGN KEY (driver_id)

REFERENCES person(driver_id);


alter table owns

ADD CONSTRAINT fk2_owns

FOREIGN KEY (reg_num)

REFERENCES car(reg_num);
```

```sql
alter table accident
add primary key(report_num);


alter table participated
add constraint pk_participated primary key(driver_id,reg_num,report_num);


alter table participated
ADD CONSTRAINT fk1_participated
FOREIGN KEY (driver_id)
REFERENCES person(driver_id);


alter table participated
ADD CONSTRAINT fk2_participated
FOREIGN KEY (reg_num)
REFERENCES car(reg_num);


alter table participated
ADD CONSTRAINT fk3_participated
FOREIGN KEY (report_num)
REFERENCES accident(report_num);


insert into person values('&driver_id','&name','&address');


commit;


select * from person;
```

	DRIVER_ID	NAME	ADDRESS
1	A01	Richard	Srinivas Nagar
2	A02	Pradeep	Rajajinagar
3	A03	Smith	Ashoknagar
4	A04	Venu	N.R.Colony
5	A05	John	Hanumanth Nagar

insert into car values('&reg_num','&model', &year);

commit;

select * from car;

	REG_NUM	MODEL	YEAR
1	KA052250	Indica	1990
2	KA031181	Lancer	1957
3	KA095477	Toyota	1998
4	KA053408	Honda	2008
5	KA041702	Audi	2005

DELETE FROM car WHERE reg_num='KA052250';

insert into accident values(&report_num,'&accident_date','&location');

commit;

select * from accident;

	REPORT_NUM	ACCIDENT_DATE	LOCATION
1	11	01-01-03	Mysore Road
2	12	02-02-04	Southend Circle
3	13	21-01-03	Bulltemple Road
4	14	17-02-08	Mysore Road
5	15	04-03-05	Kanakpura Road

insert into owns values ('&driver_id','&reg_num');

commit;

select * from owns;

	DRIVER_ID	REG_NUM
1	A01	KA052250
2	A02	KA053408
3	A03	KA095477
4	A04	KA031181
5	A05	KA041702

insert into participated values ('&driver_id','&reg_num',&report_num,&damage_amount);

commit;

select * from participated;

	DRIVER_ID	REG_NUM	REPORT_NUM	DAMAGE_AMOUNT
1	A01	KA052250	11	10000
2	A02	KA053408	12	50000
3	A03	KA095477	13	25000
4	A04	KA031181	14	3000
5	A05	KA041702	15	5000

update participated set damage_amount=25000 where reg_num='KA053408' and

report_num=12;

commit;

select * from participated;

	DRIVER_ID	REG_NUM	REPORT_NUM	DAMAGE_AMOUNT
1	A01	KA052250	11	10000
2	A02	KA053408	12	25000
3	A03	KA095477	13	25000
4	A04	KA031181	14	3000
5	A05	KA041702	15	5000

insert into accident values(16,'15-MAR-08','Domlur');

select * from accident;

	REPORT_NUM	ACCIDENT_...	LOCATION
1	11	01-01-03	Mysore Road
2	12	02-02-04	Southend Circle
3	13	21-01-03	Bulltemple Road
4	14	17-02-08	Mysore Road
5	15	04-03-05	Kanakpura Road
6	16	15-03-08	Domlur

select count(distinct driver_id) CNT from participated a, accident b where

a.report_num=b.report_num and b.accident_date like '%08';

	CNT
1	1

 select count(report_num) CNT from car c,participated p where c.reg_num=p.reg_num and

model='Lancer';

	CNT
1	1