create user suraj identified by suraj2104;

grant dba to suraj;

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);

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

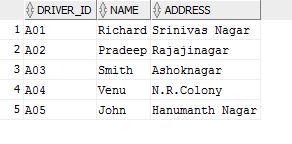
FOREIGN KEY (report\_num)

REFERENCES accident(report\_num);

insert into person values('&driver\_id','&name','&address');

commit;

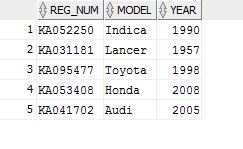
select \* from person;



insert into car values('&reg\_num','&model', &year);

commit;

select \* from car;

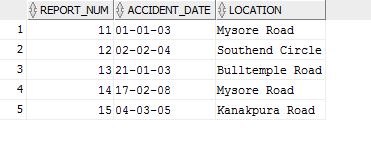


DELETE FROM car WHERE reg\_num='KA052250';

insert into accident values(&report\_num,'&accident\_date','&location');

commit;

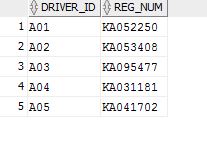
select \* from accident;



insert into owns values ('&driver\_id','&reg\_num');

commit;

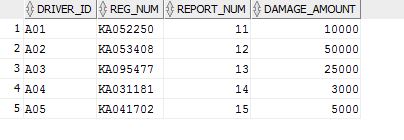
select \* from owns;



insert into participated values ('&driver\_id','&reg\_num',&report\_num,&damage\_amount);

commit;

select \* from participated;

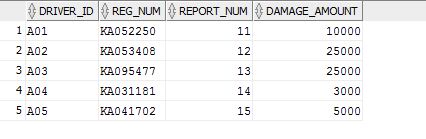


update participated set damage\_amount=25000 where reg\_num='KA053408' and

report\_num=12;

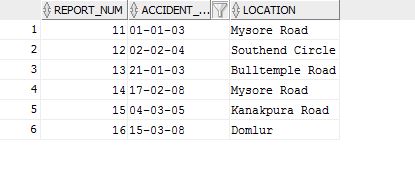
commit;

select \* from participated;



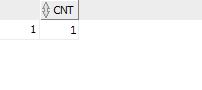
insert into accident values(16,'15-MAR-08','Domlur');

select \* from accident;



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 count(report\_num) CNT from car c,participated p where c.reg\_num=p.reg\_num and

model='Lancer';

