create user sumanth identified by sumanth123;

grant dba to sumanth;

create table person(

driver\_id char(10),

Name char(20),

address char(30)

);

create table car(

reg\_num char(10),

model char(15),

year int

);

create table owns(

drive\_id char(10),

reg\_num char(10)

);

create table accident(

report\_num int,

accident\_date char(15),

location char(10)

);

create table participated(

driver\_id char(10),

reg\_num char(10),

report\_num int,

damage\_amount int,

primary key(driver\_id)

);

/\*\*desc person;

desc car;

desc accident;

desc participated;\*\*/

alter table person

add primary key(driver\_id);

alter table car

add primary key(reg\_num);

alter table owns

add constraint pk\_owns primary key(drive\_id, reg\_num);

ALTER TABLE owns

ADD CONSTRAINT fk1\_owns

FOREIGN KEY (drive\_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);

-- Person

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

commit;

select \* from person;

--delete from person where Name = 'Richard';

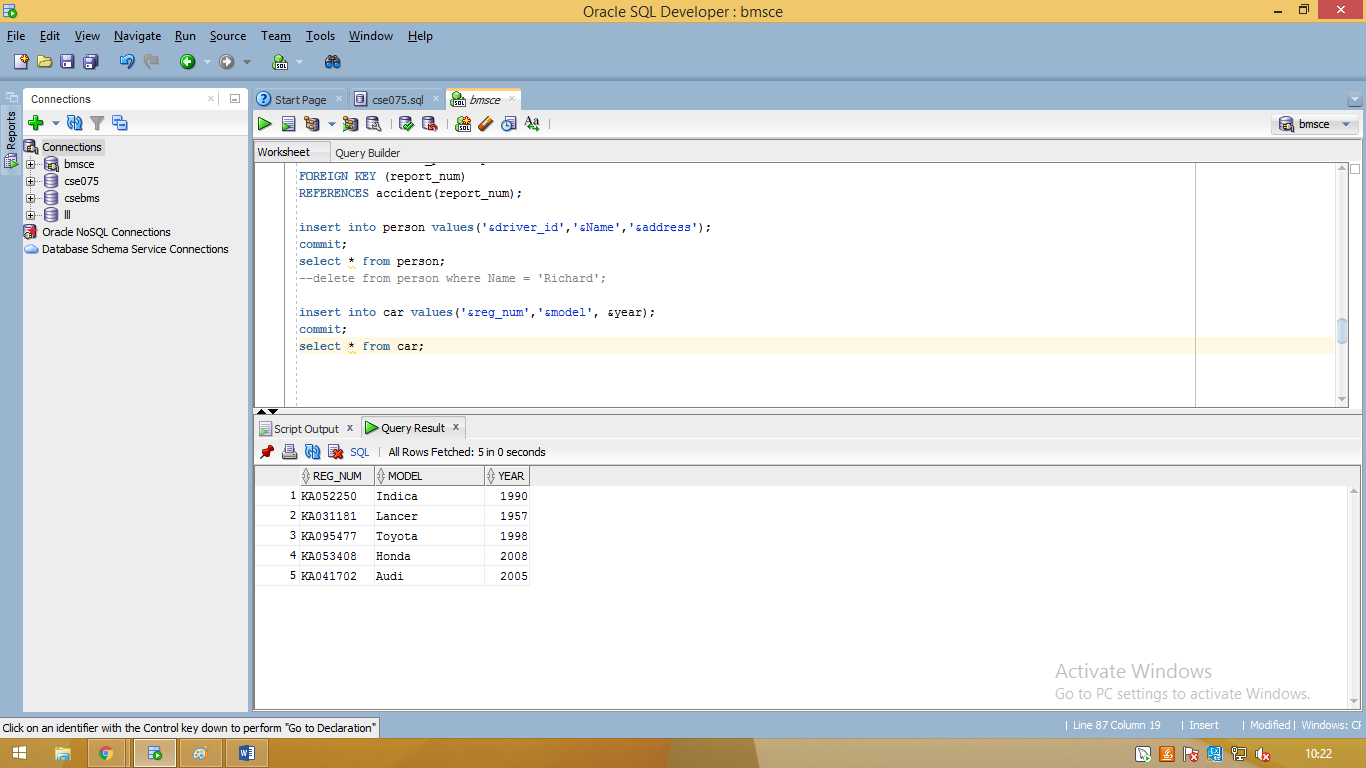


-- Car

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

commit;

select \* from car;

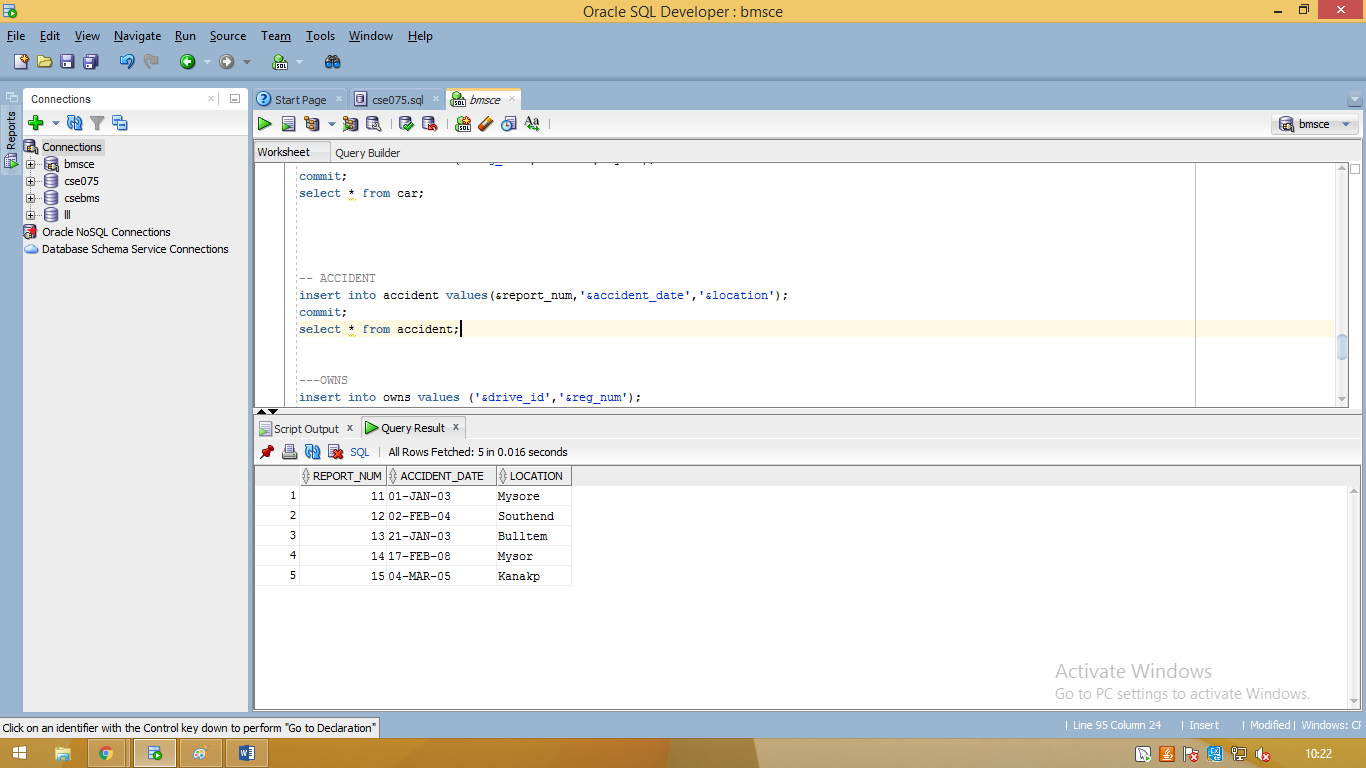


-- ACCIDENT

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

commit;

select \* from accident;

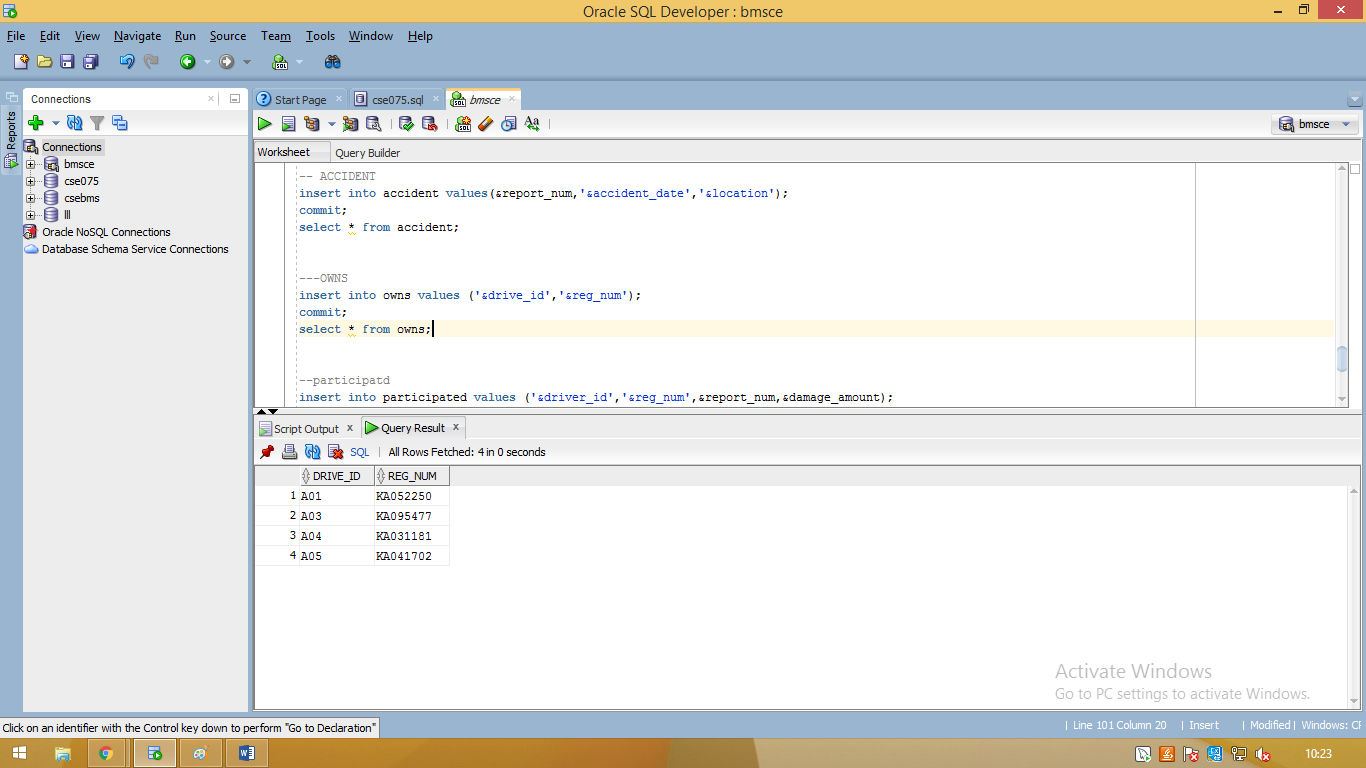


---OWNS

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

commit;

select \* from owns;

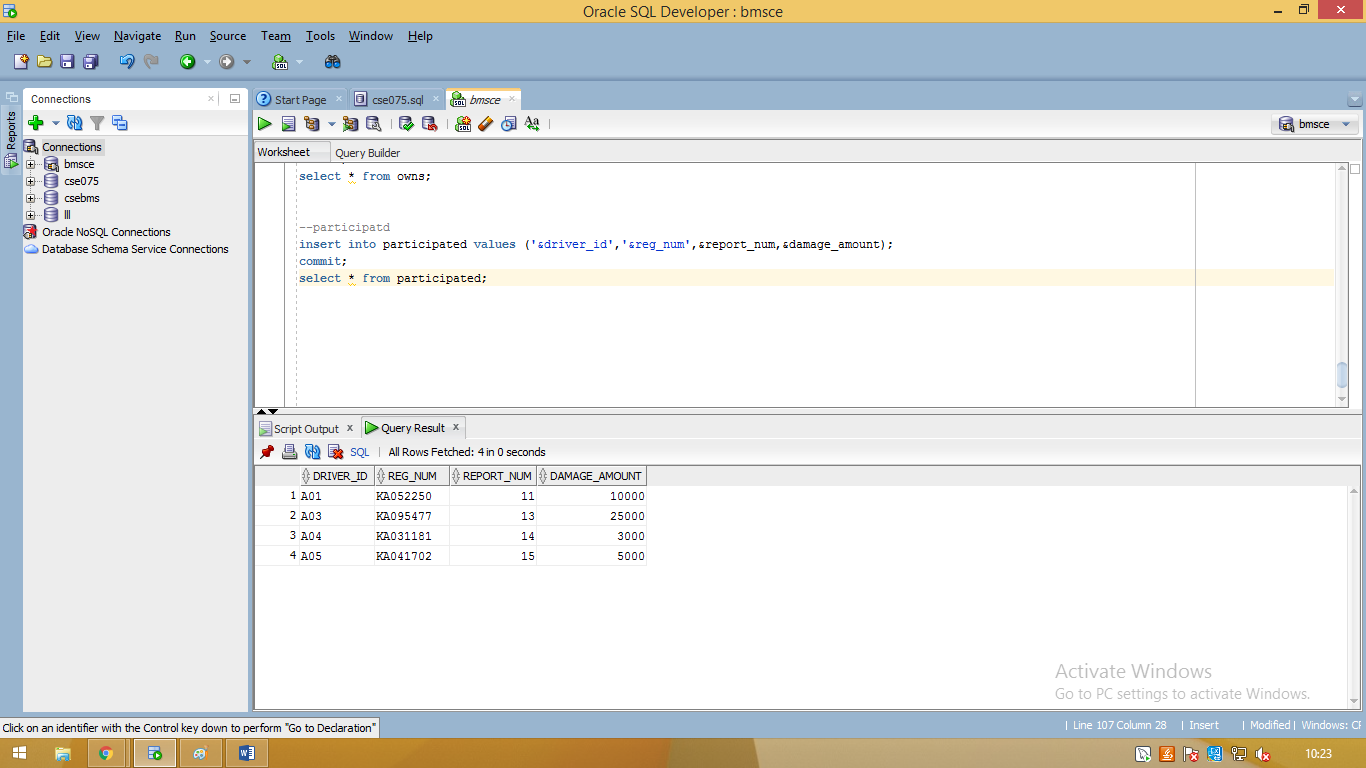


--participatd

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

commit;

select \* from participated;



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

select \* from accident;

