B.M.S COLLEGE OF ENGINEERING BENGALURU

Autonomous Institute, Affiliated To VTU

Bachelor of Engineering
in
Computer Science and Engineering

Submitted by:

SUMAN KUMAR PAL

USN Number: - 1BM18CS111

Lab : DBMS

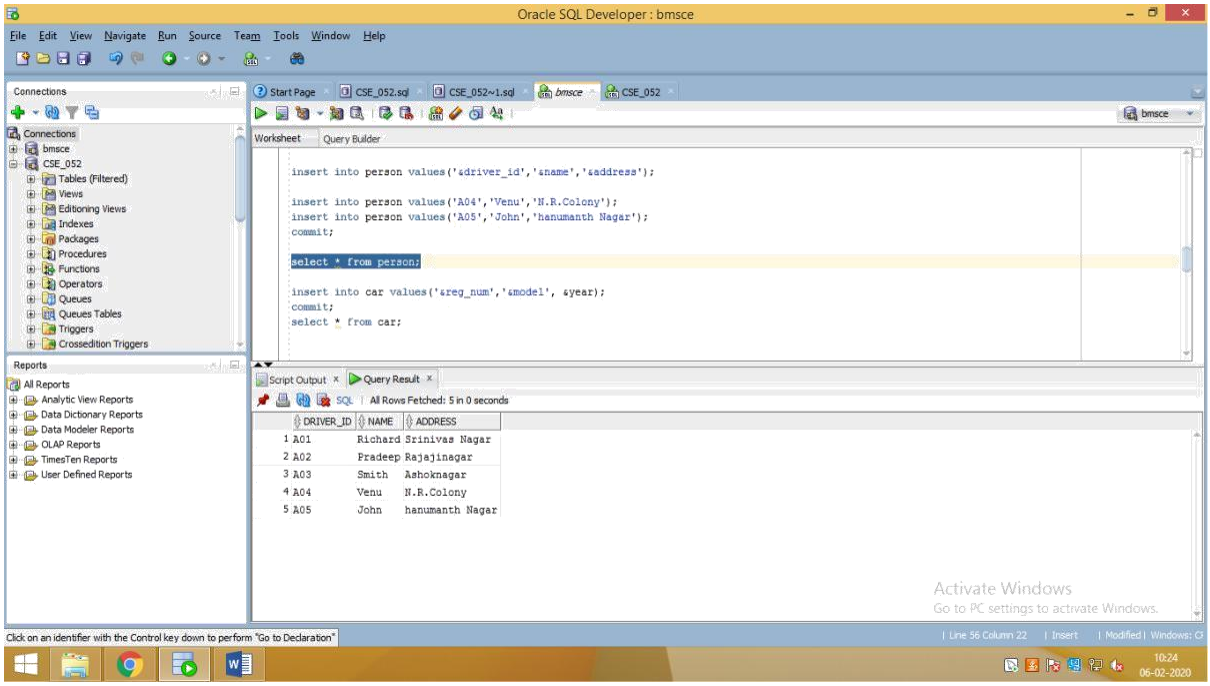
Faculty in-charge : Panimozhi K

Lab in-charge : Pallavi Gb

Lab 1:

```
create table person(
    driver_id varchar(10) not null ,
    name varchar(10) not null,
    address varchar(50) not null,
    primary key(driver_id)
    );



create table car(
    reg_num varchar(10) not null,
    model varchar(100) not null,
    year int not null,
    primary key(reg_num)
    );



create table accident(
    report_num int not null,
    accident_date date not null,
    location varchar(100),
    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),
```

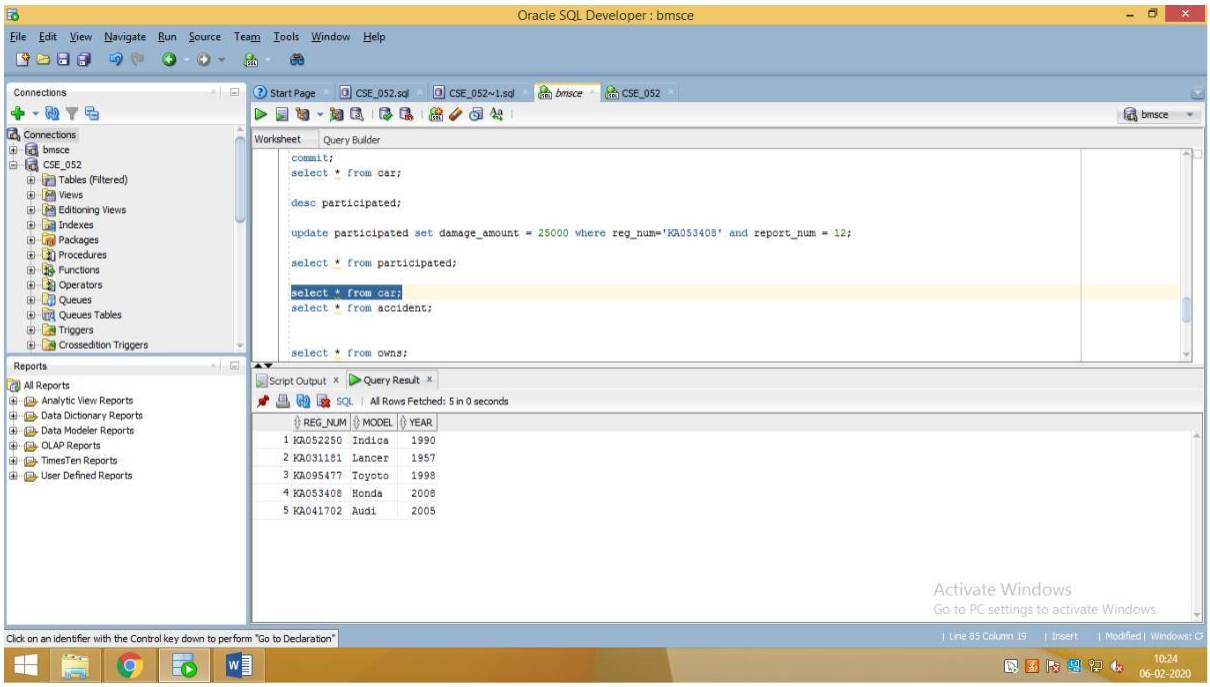
```
    foreign key(reg_num) references car(reg_num)
);




create table participated(
    driver_id varchar(100) not null,
    reg_num varchar(100),
    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 person values('&driver_id','&name','&address');

insert into person values('A04','Venu','N.R.Colony'); insert
into person values('A05','John','hanumanth Nagar');
commit;

select * from person;
```



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

commit;

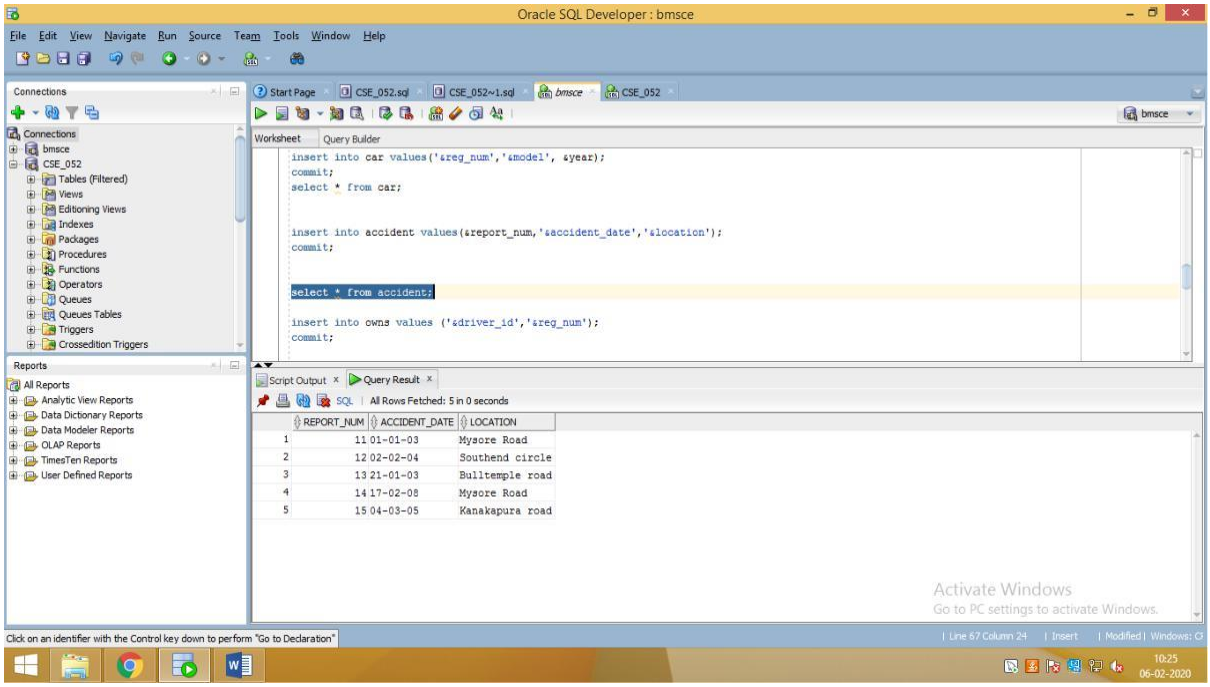
select * from car;



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

commit;

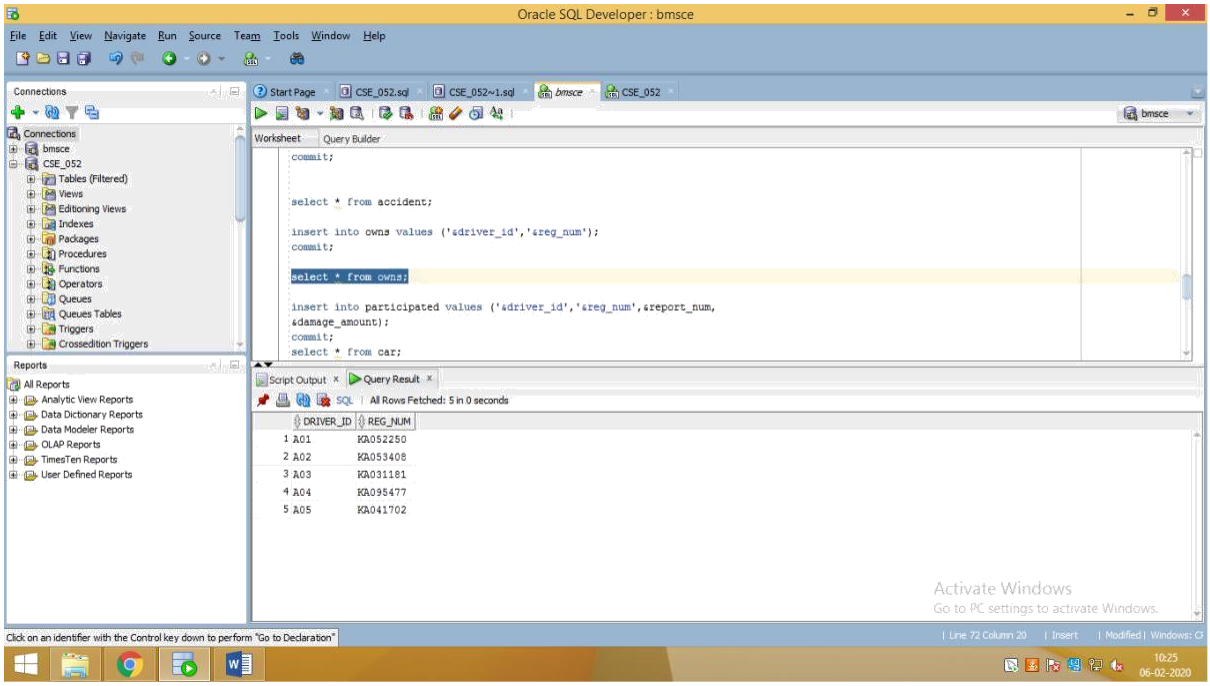
select * from accident;



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

commit;

select * from owns;



insert into participated values ('&driver_id','&reg_num',&report_num,

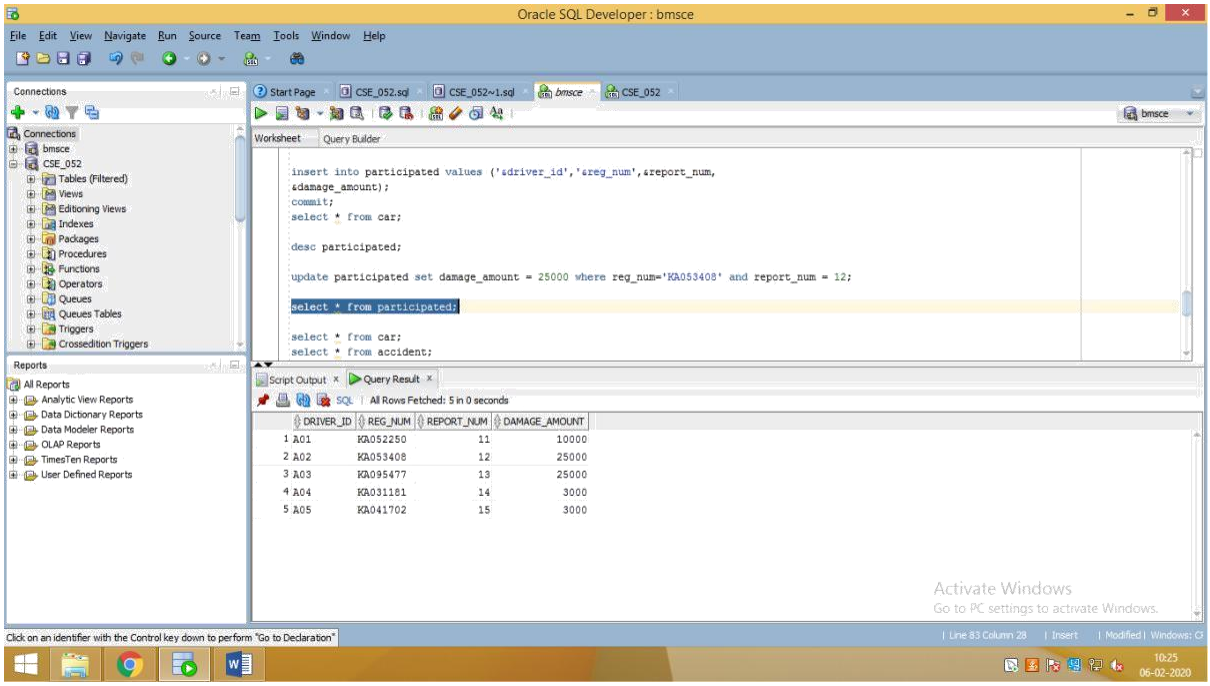
&damage_amount);

commit;

select * from car;

desc participated;

select * from participated;



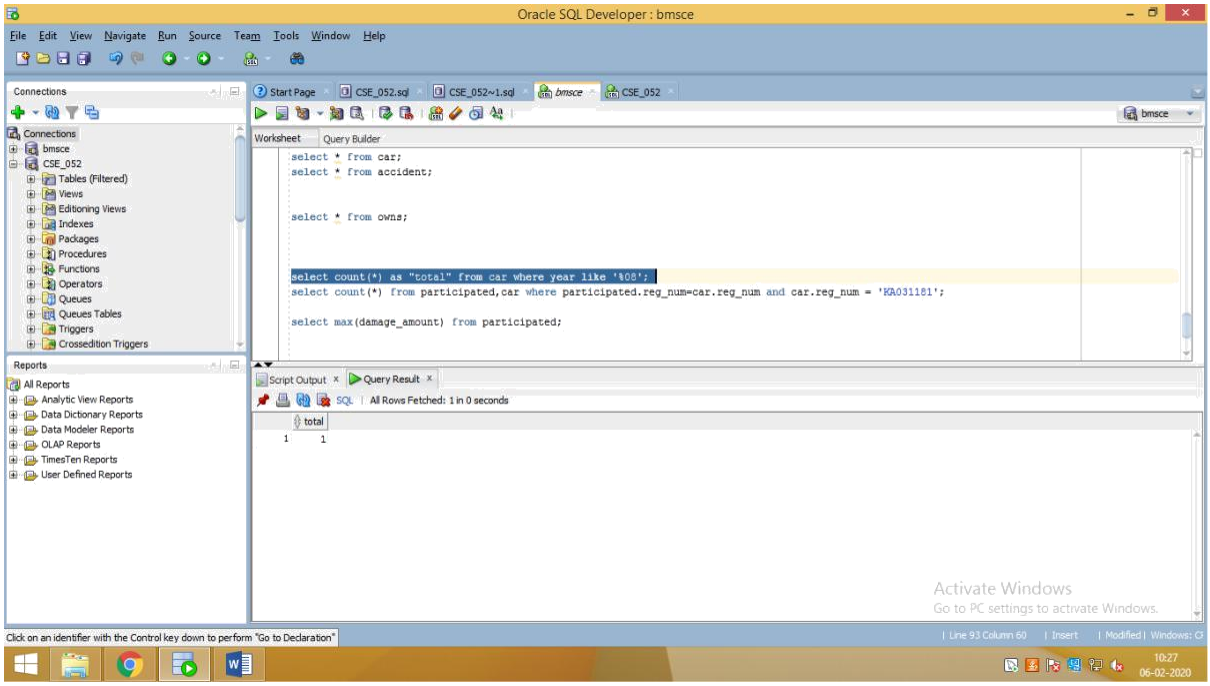
select * from car;

select * from accident;

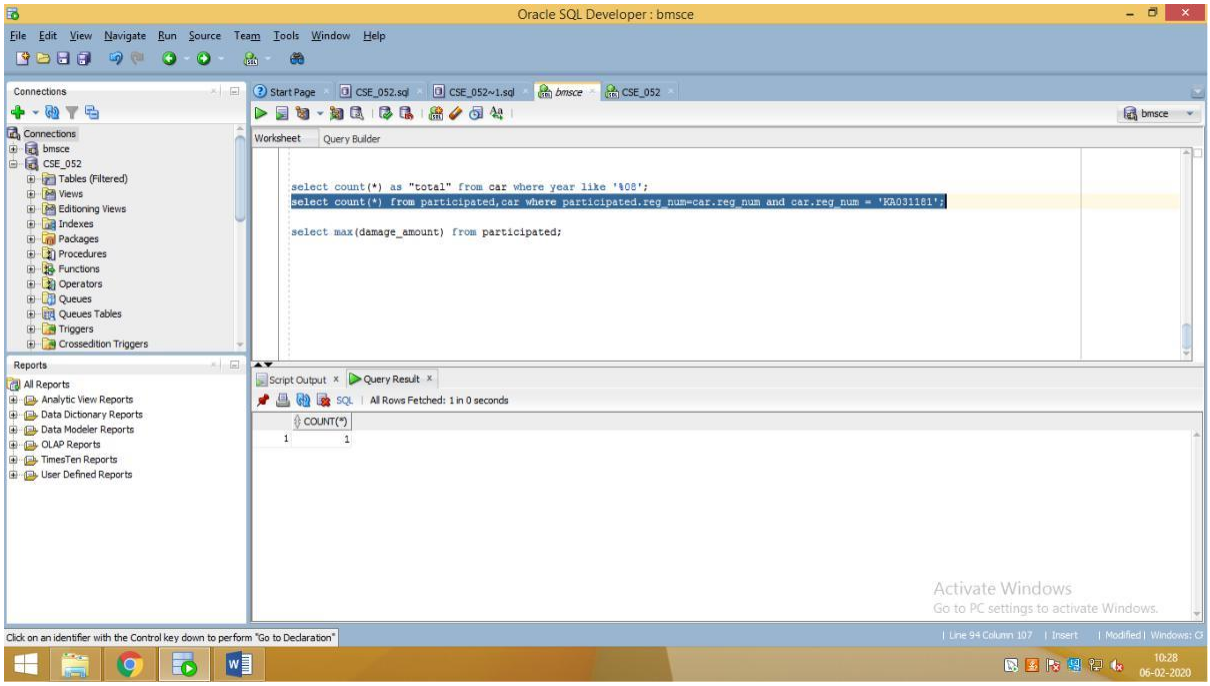
select * from owns;

update participated set damage_amount = 25000 where reg_num='KA053408' and report_num = 12;

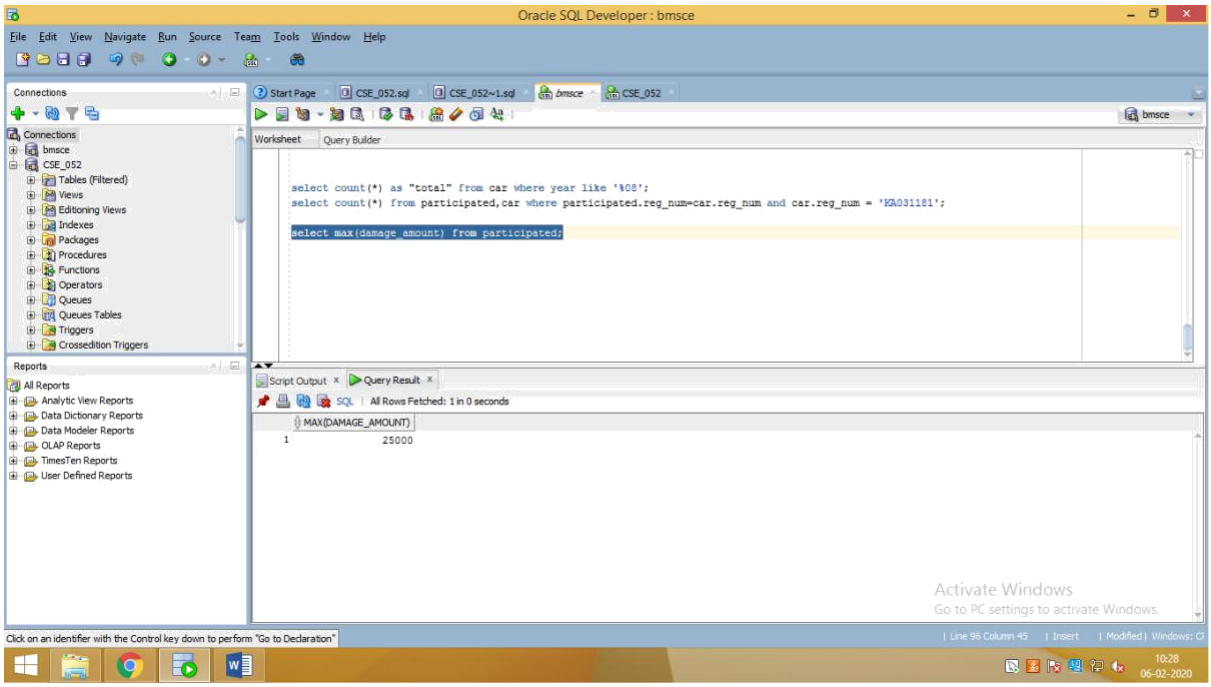
select count(*) as "total" from car where year like '%08';



select count(*) from participated,car where participated.reg_num=car.reg_num and car.reg_num = 'KA031181';



select max(damage_amount) from participated;


Oracle SQL Developer : bmsce
File Edit View Navigate Run Source Team Tools Window Help
Connections
bmsce
CSE_052
Tables (Filtered)
Views
Editioning Views
Indexes
Packages
Procedures
Functions
Operators
Queues
Queues Tables
Triggers
Crossedition Triggers
Reports
All Reports
Analytic View Reports
Data Dictionary Reports
Data Modeler Reports
OLAP Reports
TimesTen Reports
User Defined Reports
Start Page
CSE_052.sql
CSE_052~1.sql
bmsce
CSE_052
Worksheet
Query Builder
select count(*) as "total" from car where year like '%08';
select count(*) from participated,car where participated.reg_num=car.reg_num and car.reg_num = 'KA031181';
select max(damage_amount) from participated;
Script Output
Query Result
All Rows Fetched: 1 in 0 seconds
MAX(DAMAGE_AMOUNT)
1 25000
Activate Windows
Go to PC settings to activate Windows.
Click on an identifier with the Control key down to perform "Go to Declaration"
Line 96 Column 45
Insert
Modified
Windows: Cr
10:28
06-02-2020