SUSHMITHA Y V

1BM19CS165

LAB PROGAM-1:INSURANCE

```
create database
Insurance;
                    show databases;

                    use Insurance;

                    show tables;

                    create table PERSON(driverid varchar(20),dname
                    varchar(20),address varchar(40),primary key(driverid));
                    desc PERSON;

                    create table CAR(regno varchar(10),model varchar(10),year int
                    ,primary key(regno));
                    desc CAR;

                    create table ACCIDENT(report_no int,adate date,location
                    varchar(20),primary key(report_no));
                    desc ACCIDENT;

                    create table OWNS(driverid varchar(10),regno varchar(10),primary
                    key(driverid,regno),
                    foreign key(driverid) references PERSON(driverid) on delete
                    cascade,
                    foreign key(regno) references CAR(regno) on delete cascade);

                    CREATE TABLE PARTICIPATED(driverid varchar(10),regno
                    varchar(10),report_no int,
                    damage_amt float, foreign key (driverid,regno) references
                    OWNS(driverid,regno)
                    ON DELETE CASCADE,foreign key (REPORT_NO) references
                    ACCIDENT(REPORT_NO) ON DELETE CASCADE);
                    desc PARTICIPATED;
```

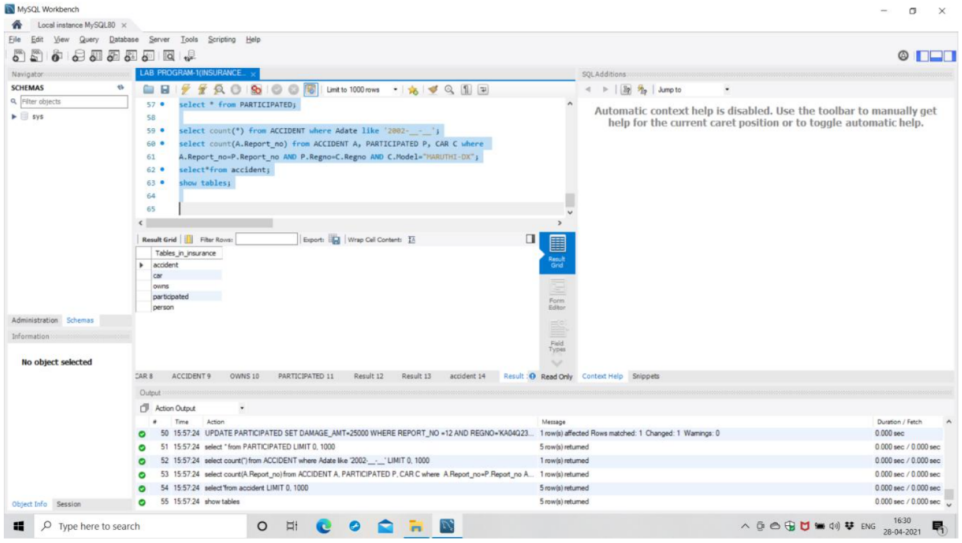
```
insert into PERSON values('1111','Ramu','K.S.LAYOUT');
commit;
select* FROM PERSON;
insert into PERSON values('2222','John','INDIRANAGAR');
insert into PERSON values('3333','Priya','JAYANAGAR');
insert into PERSON values('4444','Gopal','WHITEFIELD');
insert into PERSON values('5555','Latha','VIJAYNAGAR');
commit;
insert into CAR values('KA04Q2301','MARUTHI-DX', 2000);
insert into CAR values('KA05P1000', 'FORDICON', 2000);
insert into CAR values('KA03L1234',' ZEN-VXI',1999);
insert into CAR values('KA03L9999', 'MARUTHI-DX', 2002);
insert into CAR values('KA01P4020', 'INDICA-VX', 2002);
commit;
select * from CAR;


insert into ACCIDENT values(12,'2002-06-01', 'M G ROAD');
insert into ACCIDENT values(200, '2002-12-10', 'DOUBLEROAD');
insert into ACCIDENT values(300, '1999-07-23', 'M G ROAD');
insert into ACCIDENT values(25000, '2000-06-11', 'RESIDENCY
ROAD');
insert into ACCIDENT values(26500, '2001-10-16', 'RICHMOND
CIRCLE');
commit;
select * from ACCIDENT;


insert into OWNS values('1111','KA04Q2301');
insert into OWNS values('1111', 'KA05P1000');
insert into OWNS values('2222', 'KA03L1234');
insert into OWNS values('3333', 'KA03L9999');
insert into OWNS values('4444', 'KA01P4020');
commit;
```

```
select * from OWNS;


insert into PARTICIPATED values('1111', 'KA04Q2301', 12 ,20000);

insert into PARTICIPATED values('2222', 'KA03L1234', 200, 500);

insert into PARTICIPATED values('3333', 'KA03L9999', 300,
10000);
insert into PARTICIPATED values('4444', 'KA01P4020', 25000
,2375);
insert into PARTICIPATED values('1111', 'KA05P1000', 26500
,70000);


UPDATE PARTICIPATED SET DAMAGE_AMT=25000 WHERE REPORT_NO =12 AND
REGNO='KA04Q2301';
select * from PARTICIPATED;


select count(*) from ACCIDENT where Adate like '2002-__-__';

select count(A.Report_no) from ACCIDENT A, PARTICIPATED P, CAR C
where
A.Report_no=P.Report_no AND P.Regno=C.Regno AND
C.Model="MARUTHI-DX";
```

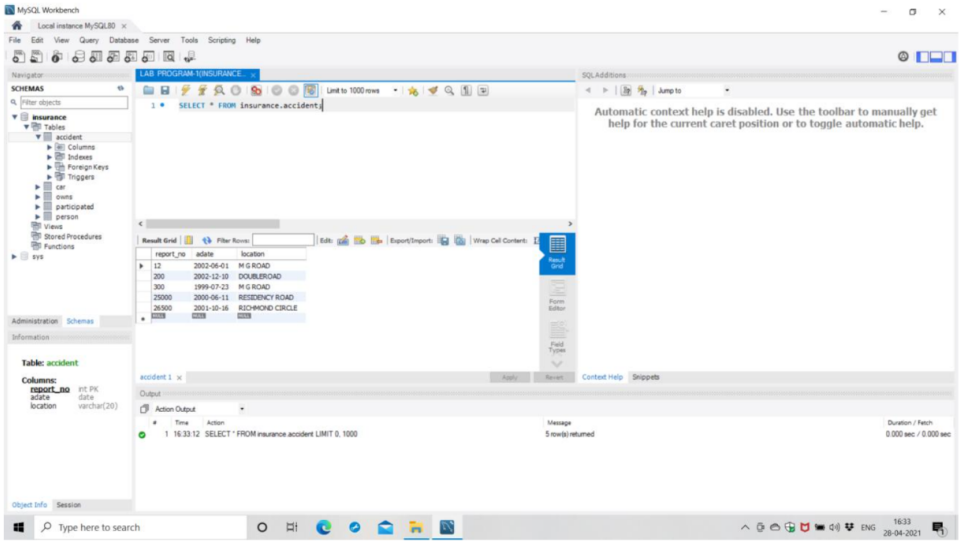
PROGRAM-1

INSURANCE-OUTPUT

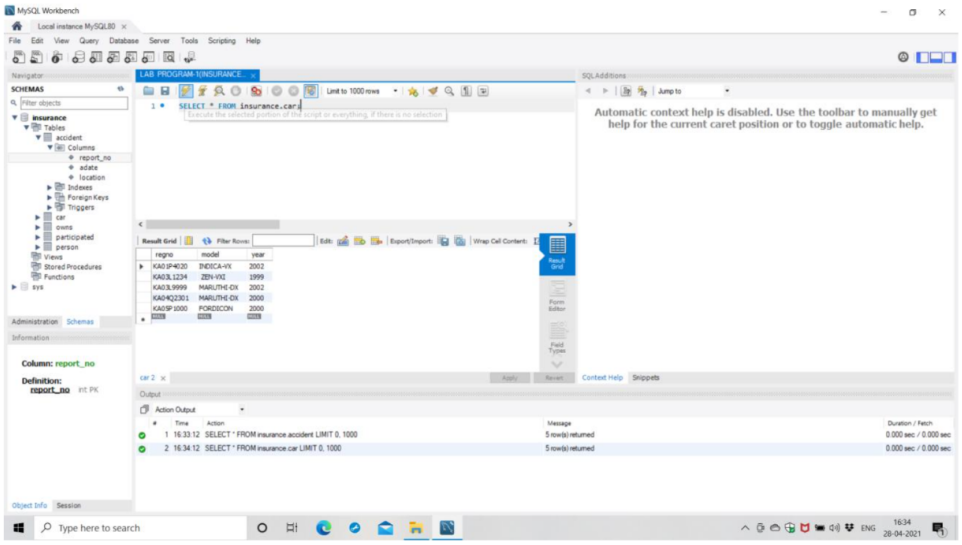
SHOW TABLES:



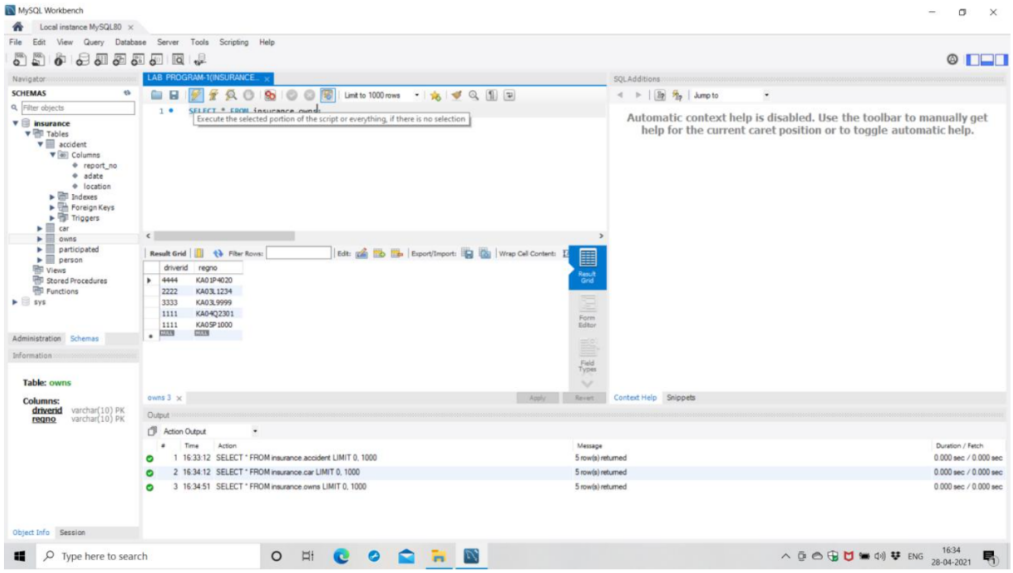
SELECT * FROM insurance.accident;



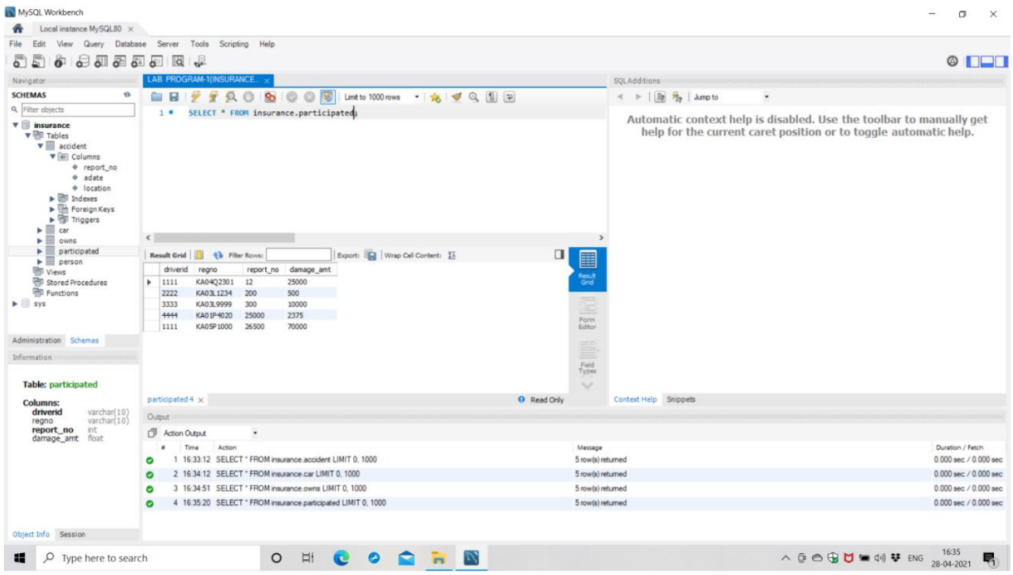
SELECT * FROM insurance.car;



SELECT * FROM insurance.owns;



SELECT * FROM insurance.participated;



SELECT * FROM insurance.person;