**LAB-1**

CREATION OF TABLES:

**create table person(Name char(30),driver\_id char(30) Primary key,Address char(30));**

**create table car(Regno varchar(30) Primary key,model varchar(30),year int);**

**create table Accident(report\_number int Unique Not null,date date,location char(30));**

**create table owns(driver\_id char (30) primary key,RegNo varchar(30),foreign key (RegNo) references car(Regno));**

**insert into person(driver\_id,name,address)**

**values**

**("a11","Adarsh","Bangalore"),**

**("a12","Sachin","Mumbai"),**

**("a13","Sathish","Chennai"),**

**("a14","Pratik","Pune"),**

**("a15","Kajal","Lucknow");**

**insert into car(regno,model,year)**

**values**

**("kar11","AB",2021),**

**("kar12","AC",2020),**

**("kar13","AD",2011),**

**("kar14","AE",2012),**

**("kar15","AF",2013);**

**insert into accident(repno,dte,location)**

**values**

**(423,"2021-2-20","jaynagar"),**

**(424,"2021-1-20","JP nagar"),**

**(425,"2020-4-20","Basavanagudi"),**

**(426,"2020-5-20","Banshankari"),**

**(427,"2020-6-20","Hulimavu");**

**insert into owns(driver\_id,regno)**

**values**

**("a11","kar11"),**

**("a12","kar12"),**

**("a13","kar13"),**

**("a14","kar14"),**

**("a15","kar15");**

**insert into participated(driver\_id,regno,repno,damage\_amount)**

**values**

**("a11","kar11",423,2500),**

**("a12","kar12",424,2000),**

**("a13","kar13",425,2700),**

**("a14","kar14",426,3000),**

**("a15","kar15",427,5000);**

**UPDATE participated set damage\_amount = 25000 where regno = “kar11” AND report\_number=423;**

**insert into accident(repno,dte,location) values(430,"2021-1-16",'basavangudi');**

**select count(\*) from accident where adate between '2020-01-01' and '2020-12-31';**

**select count(\*) from participated join car on car.regno = participated.regno where car.model ="AB";**

**LAB-2**

CREATION OF TABLES:

**create table Participated(driver\_id char(30),Regno varchar(30) Not null,report\_number int,damage\_amount int,foreign key (report\_number) references accident(report\_number),foreign key (driver\_id) references person(driver\_id),foreign key (Regno) references car(Regno));**

**insert into person**

**values(Preetham,abc,Gandhi\_nagar);**

**insert into car**

**values(a63,force2,2022);**

**insert into branch(branch\_name,branch\_city,assets) values**

**('A','Bangalore',190000),**

**('B','Bangalore',200000),**

**('C','Delhi',235344),**

**('D','Chennai',1050560),**

**('E','Chennai',678909);**

**insert into accounts(accno,branch\_name,balance) VALUES**

**(1001,'A',10000),**

**(1002,'B',5000),**

**(1003,'C',7500),**

**(1004,'D',50000),**

**(1005,'D',75000),**

**(1006,'E',560);**

**(1007,"B",500),**

**(1008,"B",1500);**

**insert into customer(customer\_name,customer\_street,customer\_city) VALUES**

**("Ravi","Dasarahalli","Bangalore"),**

**("Shyam","Indiranagar","Delhi"),**

**("Seema","Vasantnagar","Chennai"),**

**("Arpita","Church Street","Bangalore"),**

**("Vinay","MG Road","Chennai");**

**insert into depositor(customer\_name,accno) VALUES**

**("Ravi",1001),**

**("Ravi",1002),**

**("Shyam",1003),**

**("Seema",1004),**

**("Seema",1005),**

**("Arpita",1006),**

**("Vinay",1007),**

**("Vinay",1008);**

**insert into loan(loan\_number,branch\_name,amount) VALUES**

**(001,'A',10000),**

**(002,'B',25000),**

**(003,'B',250000),**

**(004,'C',5000),**

**(005,'E',90000);**

**insert into borrower(customer\_name,loan\_number) VALUES**

**("Arpita",001),**

**("Ravi",002),**

**("Arpita",003),**

**("Shyam",004),**

**("Vinay",005);**

**Select(customer\_name) from depositor join accounts on accounts.accno = depositor.accno join branch on branch.branch\_name = accounts.branch\_name where branch.branch\_city = "Bangalore" GROUP BY depositor.customer\_name having count(DISTINCT branch.branch\_name) = (SELECT COUNT(branch\_name) FROM branch WHERE branch\_city = 'Bangalore');**

**Select(customer\_name) from depositor join accounts on depositor.accno = accounts.accno where accounts.branch\_name = "D" group by depositor.customer\_name having count(depositor.customer\_name) >=2;**

**delete from accounts where branch\_name in (select branch\_name from branch where branch\_city="Delhi");**