DBMS LAB 1

- ## Query 1

```
create database INSURANCE
create table INSURANCE.person (
driver_id varchar (10),
name varchar (20),
address varchar (30),
primary key (driver-id));

create table INSURANCE.car (
reg.num varchar 10,
model varchar (10),
year int,
primary key (reg-num))

create table INSURANCE.accident (
report - num int,
accident - date date,
location varchar (20),
primary key (report - num));

create table INSURANCE. owns
driver_id varchar(10),
reg-num varchar (10),
```

primary key (drivers_id, reg_num),
Foreign key (drivers_id) references person(drivin
forrign key (reg_num) references car (reg_num)
.

create table INSURANCE participated (
drivers_id varchar (10),
reg_num varchar (10),
report_num int,
damag_amount int,
primary key (driver_id) references person
(drivers_id).
foreign key (report_num) references accident
(report_num));

Query 2

use INSURANCE;
Insert into person values ('A01', 'Richard', 'Srinivasllu
insert into person values ('A02', 'Radeep', 'Rajajinar
insert into person values ('A03', 'Smith', 'Ashokanagar
insert into person values ('A04', 'Venu', 'NRColony');
insert into person values ('A05', 'John', 'Hanumantha Nga
sele select * from person;

```
insert into car values ('KA052250', 'Indica', 1990);
insert into car values ("KA031181", 'Lancer', 1957);
insert into car values ('KA095477', 'Toyota', 1998);
insert into car values ('KA053408', 'Honda', 2008);
insert into car values ('KA041702', 'Audi', 2005);
Select * from car;


insert into owns value ('A1', 'KA052250');
insert into owns value ('A02', 'KA053408');
insert into own value ('A03', 'KA031181');
insert into owns value (A04, 'KA095477');
insert int owns value (A05', KA041702);
select * from owns;
```

Query 3

```
USE INSURANCE;
UPDATE participated
SET Damage amount = 25000
WHERE report-num = 12;


insert into accident values (16, 2021-04-05,
'Mysore Road');
select * from accident;
```

Query 4

USE INSURANCE
SELECT COUNT (DISTINCT driver_id) FROM accident participated
WHERE accident.report_num = participated.
report_num
AND accident date LIKE `2008%`;

Query 5

USE INSURANCE;
SELECT COUNT (report.num) FROM car, participated
WHERE cal.reg_num = participated.reg_num
AND model = `Lancer`;