DBMS LAB
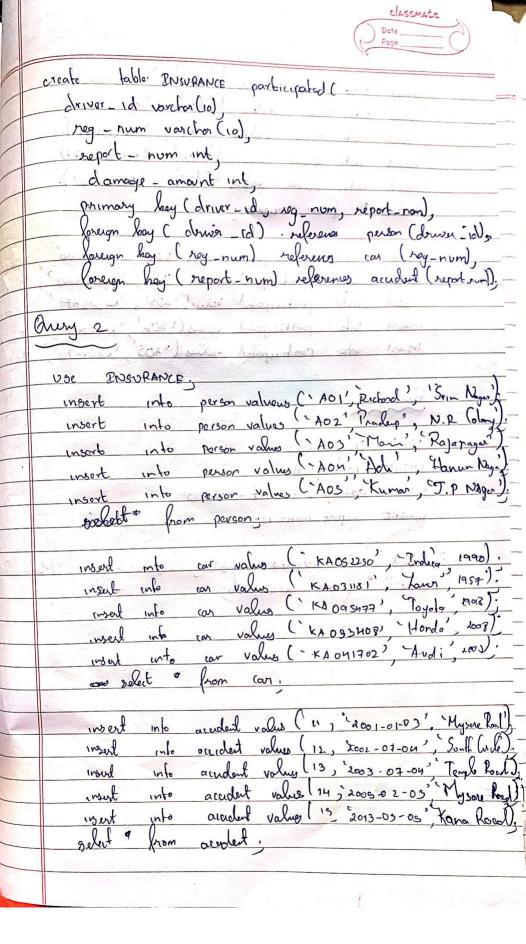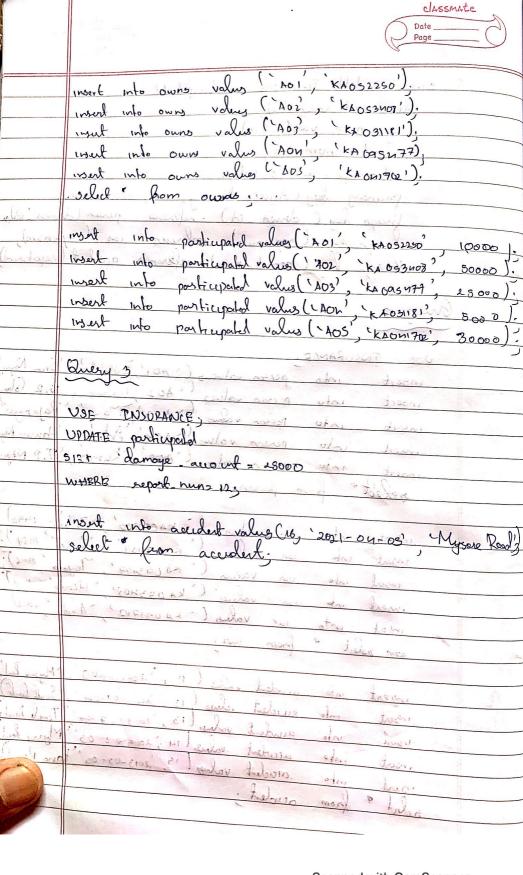
Query 1

```sql
create database INSURANCE
create table INSURANCE person (
drivers-id    varchar(12);
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 (driver-id, reg-num),
foreign key (driver-id) references person (driver-id),
foreign key (reg-num) references car (reg-num));
```

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

Query 2

```sql
use  INSURANCE,
insert    into    person values ('A01', 'Richard', 'Srin Nagar')
insert    into    person values ('A02', 'Pradep', 'N.R Colony)
insert    into    person values ('A03', 'Mani', 'Rajanagar)
insert    into    person values ('A04', 'Adi', 'Hanur Naga)
insert    into    person values ('A05', 'Kumar', 'J.P Nagar).
select *  from  person;

insert    into    car values ('KA05 2250', 'Indica', 1990) .
insert    into    car values ('KA 03 1181', 'Lancer', 1957).
insert    into    car values ('KA 09 5477', 'Toyota', 1998).
insert    into    car values ('KA 09 3408', 'Honda', 2008)
insert    into    car values ('KA 04 1702', 'Audi', 2005).
select *  from  car,

insert    into    accident values (11, '2001-01-03', 'Mysore Road')
insert    into    accident values (12, '2002-07-04', 'South Circle).
insert    into    accident values (13, '2003-07-04', 'Temple Road).
insert    into    accident values (14, '2005-02-03', 'Mysore Road)
insert    into    accident values (15, '2013-05-05', 'Kana Road)
select *  from  accident;
```

```
insert into owns values ('A01', 'KA052250').
insert into owns values ('A02', 'KA053407').
insert into owns values ('A03', 'KA031181').
insert into own values ('A04', 'KA095277').
insert into owns values ('A05', 'KA041702').
select * from owns;

insert into participated values ('A01', 'KA052250', 10000).
insert into participated values ('A02', 'KA053403', 50000).
insert into participated values ('A03', 'KA095477', 25000).
insert into participated values ('A04', 'KA031181', 5000).
insert into participated values ('A05', 'KA041702', 30000).
```

Query 3

```
USE INSURANCE;
UPDATE participated
SET damage_amount = 25000
WHERE report_num= 12;

insert into accident values (16, '2021-04-03', 'Mysore Road');
select * from accident;
```