Consider the Insurance database given below. The primary keys are underlined and the data types are specified.
PERSON (driver-id #: String, name: String, address: String)
CAR (Regno: String, model: String, year: int)
ACCIDENT (report-number: int, date: date, location: String)
OWNS (driver-id #: String, Regno: String)
PARTICIPATED (driver-id: String, Regno: String, report-number: int, damage-amount: int)

```
create  database insurance;
```

i. Create the above tables by properly specifying the primary keys and the foreign keys.

```
create table person(
   driver_id     varchar(10);
   name          char(20);
   address       varchar(30),
   primary key(driver_id));

create table car(
   regno varchar(10),
   model varchar(30),
   year int,
   primary key(regno));

  create table accident(
     report_number int,
     date date,
     location varchar(30),
     primary key(report_number));

create table owns(
   Driver_id varchar(10),
   Regno varchar(10),
   primary key(Driver_id,regno),
   foreign key(Driver_id) references person(Driver_id) on delete cascade on update CASCADE,
   foreign key(Regno) references car(Regno)on delete cascade on update CASCADE);

create table participated(
   Driver_id varchar(10),
   Regno varchar(10),
   Report_number int,
   Damage_amount int,
   primary key(Driver_id,Regno,Report_number),
   foreign key(Driver_id) references person(Driver_id),
   foreign key(Regno) references car(Regno),
   foreign key(Report_number) references accident(Report_number));
```

ii. Enter at least five tuples for each relation.

```
insert into person(Driver_id,Name,Address)
values
('P001', 'PREETHI', 'BASAVANAGUDI'),
('P002', 'ANAND', 'KORAMANGALA'),
('P003', 'VISHAL', 'JAYNAGAR'),
('P004', 'JAY', 'DASARAHALLI'),
('P005', 'SHUBHA', 'KORAMANGALA');

INSERT INTO car (Regno, Model, Year) VALUES
('KA02AB1212', 'SUZUKI', 2001),
('KA05MA7634', 'RENAULT KWID', 2013),
('KA10BA1276', 'TATA ALTROZ', 2010),
('KA16AMN125', 'MAHINDRA SCORPIO', 2007),
('KA17AD4523', 'HYUNDAI I20', 2003);

insert into accident(Report_number,date,Location) values
(0001, '2019-12-20', 'Jayanagar'),
(0009, '2020-07-23', 'Basavanagudi'),
(0011, '2020-12-23','MG Road'),
(0015, '2020-09-11', 'BTM layout'),
(0017, '2021-01-09', 'Kormangala');

INSERT INTO owns(Driver_id, Regno)
VALUES
('P002', 'KA02AB1212'),
('P005', 'KA05MA7634'),
('P004', 'KA10BA1276'),
('P003', 'KA16AMN125'),
('P003', 'KA17AD4523');

INSERT INTO participated (Driver_id, Regno, Report_number, Damage_amount)
 VALUES
('P002', 'KA02AB1212', 0001, 2000),
('P005', 'KA05MA7634', 0009, 1250),
('P004', 'KA10BA1276', 0011, 1000),
('P003', 'KA16AMN125', 0015, 1500),
('P003', 'KA17AD4523', 0017, 5000);
```

iii.Demonstrate how you

a.Update the damage amount for the car with a specific Regno in the accident with report number 11 to 25000.

```
UPDATE participated
 set damage_amount = 25000
  where regno = ‘KA10BA1276’ AND report_number=11;
```

b. Add a new accident to the database.

```
insert into accident values(0020,2021-02-12,'Jalahalli');
```

iv. Find the total number of people who owned cars that involved in accidents in 2020.

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

v. Find the number of accidents in which cars belonging to a specific model were involved.

```
select count(*)  from participated
join car on car.regno = participated.regno
where car.model ="TATA ALTROZ";
```