

LAR-1

- (i) Create the above tables to properly specifying the primary keys & the foreign keys
- (ii) Enter at least five tuples for each relation.
- (iii) Demonstrate How you:
 - (a) Update the damage amt to 25000 for the car with a specific reg-num for which the accident report number was 12.
 - (b) Add a new accident to the database.
- (iv) Find the total no. of people who owned cars that involved in accidents in 2008.
- (v) Find the number of accidents in which cars belonging to a specific model.

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 (
  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);
```

```
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

USE INSURANCE;

insert into person values ('A01', 'Richard', 'Srinivas Nagar');

insert into person values ('A02', 'Rajdeep', 'Rajajinagar');

insert into person values ('A03', 'Emrith', 'Rishabnagar');

insert into person values ('A04', 'Venue', 'N.R. Colony');

insert into person values ('A05', 'Jaha', 'Hannamth');

select * from person;

insert into car values ('KA052250', 'Tata', '1990');

insert into car values ('KA031181', 'Lancer', '1957');

insert into car values ('KA095477', 'Toyota', '1993');

insert into car values ('KA053403', 'Honda', '2002');

insert into car values ('KA041702', 'Audi', '2005');

select * from car;

insert into accident values (11, '2001-01-03', 'Mysore Road');

insert into accident values (12, '2002-01-04', 'Southend road');

insert into accident values (13, '2011-01-03', 'Bull temple road');

insert into accident values (14, '2017-02-03', 'Mysore Road');

insert into accident values (15, '2004-03-05', 'Kara pua Road');

select * from accident;

insert into owns values ('A01', 'KA052250');

insert into owns values ('A02', 'KA053403');

insert into owns values ('A03', 'KA031181');

insert into owns values ('A04', 'KA095477');

insert into owns values ('A05', 'KA041702');

select * from owns;

```
insert into participated values('A01', 'KA052250', 11, 10000)
insert into participated values('A02', 'KA053408', 12, 50000)
insert into participated values('A03', 'KA095472', 13, 25000)
insert into participated values('A04', 'KA031181', 14, 5000)
insert into participated values('A05', 'KA061702', 15, 5000)
select * from participated;
```

Query 3

```
use INSURANCE;
UPDATE participated
set damage amount = 25000
WHERE suppart-num = 12;
```

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