

DBMS LAB 1

Anitej Prasad

18m19CS194

anj

Excercise1 - Car

```
q1. 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 (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 (reg_num) references  
  accident (report_num)  
);
```

b) use INSURANCE;
insert into person
values ('A01', 'Richard', 'Srinivas Nagar');
insert into person
values ('A02', 'Pradeep', 'Rajajinagar');
insert into person
values ('A03', 'Smith', 'Ashoknagar');
insert into person
values ('A04', 'Venu', 'N.R. Colony');
insert into person
values ('A05', 'John', 'Hanumanth nagar');
select * from person

insert into car values ('KA052250', 'Indica', 1990);
insert into car values ('KA061234', '~~KA031181~~ 'Lancer', 1957);
insert into car values ('KA056615', 'Toyota', 1998);
insert into car values ('KA095477', 'Honda', 2008);
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 Circle');
insert into accident
values (13, '2021-01-03', 'Bulltemple Road');


```
insert into accident values (14, '2017-02-08', 'Mysore Road');  
insert into accident values (15, '2004-03-05', 'Kanakpura Road');  
select * from accident;
```

```
insert into owns values ('A01', 'KA052250');  
insert into owns values ('A02', 'KA053408');  
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', 'KA031181', 13, 25000);  
insert into participated values ('A04', 'KA095477', 13, 3000);  
insert into participated values ('A05', 'KA041702', 13, 5000);  
select * from participated;
```

c) UPDATE participated

SET damage_amount = 25000

WHERE report_num = 12;