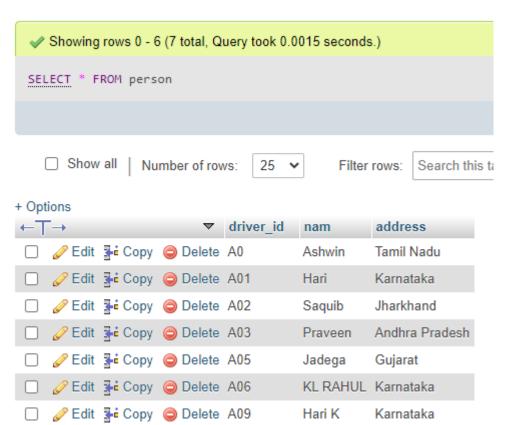
INSURANCE DATABASE

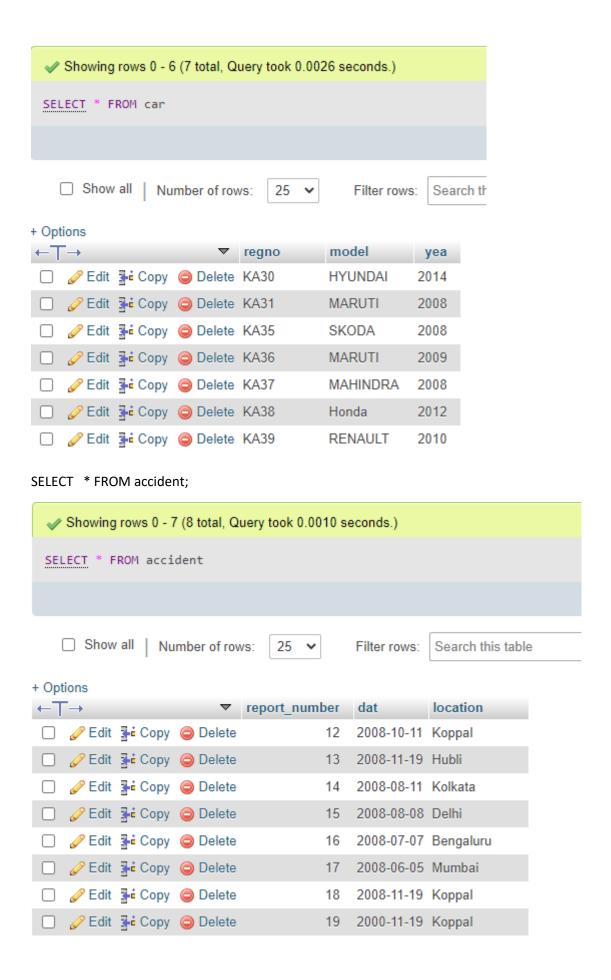
```
create database ins;
use ins;
CREATE TABLE person (
  driver_id VARCHAR(30) PRIMARY KEY,
  nam VARCHAR(30),
  address VARCHAR(30)
);
CREATE TABLE accident (
  report_number INT PRIMARY KEY,
  dat DATE,
  location VARCHAR(30)
);
CREATE TABLE car (
  regno VARCHAR(30),
  model VARCHAR(30),
 yea INT
);
alter table car
add primary key(regno);
CREATE TABLE owns (
  driver_id VARCHAR(30),
  regno VARCHAR(30),
  FOREIGN KEY (driver_id)
    REFERENCES person (driver_id)
    ON DELETE SET NULL ON UPDATE CASCADE,
  FOREIGN KEY (regno)
    REFERENCES car (regno)
    ON DELETE SET NULL ON UPDATE CASCADE
);
```

```
CREATE TABLE participated (
  driver_id VARCHAR(30),
  regno VARCHAR(30),
  report_number INT,
  dam INT,
  FOREIGN KEY (driver_id)
    REFERENCES person (driver_id)
    ON UPDATE CASCADE ON DELETE SET NULL,
  FOREIGN KEY (regno)
    REFERENCES car (regno)
    ON UPDATE CASCADE ON DELETE SET NULL,
  FOREIGN KEY (report_number)
    REFERENCES accident (report_number)
    ON UPDATE CASCADE ON DELETE SET NULL
);
insert into person(driver_id,nam,address)
values('A01','Hari','Karnataka'),('A02','Saquib','Jharkhand'),('A03','Praveen','Andhra
Pradesh'),('A0','Ashwin','Tamil Nadu'),('A05','Jadega','Gujarat'),('A06','KL RAHUL','Karnataka');
insert into car(regno,model,yea)
values('KA37','MAHINDRA',2008),('KA35','SKODA',2008),('KA36','MARUTI',2009),('KA39','RENAULT',2
010),('KA38','Honda',2012),('KA30','HYUNDAI',2014);
insert into accident(report_number,dat,location) values(12,'2008-10-11','Koppal'),(13,'2008-11-
19', 'Hubli'), (14, '2008-08-11', 'Kolkata'), (15, '2008-08-08', 'Delhi'), (16, '2008-07-
07', 'Bengaluru'), (17, '2008-06-05', 'Mumbai');
insert into owns(driver_id,regno)
values('A01','KA37'),('A02','KA35'),('A03','KA36'),('A0','KA39'),('A05','KA38'),('A06','KA30');
insert into participated(driver_id,regno,report_number,dam)
values('A01','KA37',12,2000),('A02','KA35',13,1500),('A03','KA36',14,2000),('A0','KA39',15,2500),('A0
5','KA38',16,3000),('A06','KA30',17,4000);
```

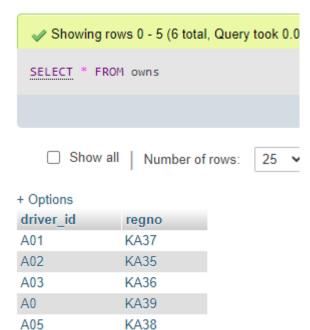
SELECT * FROM person;



SELECT * FROM car;



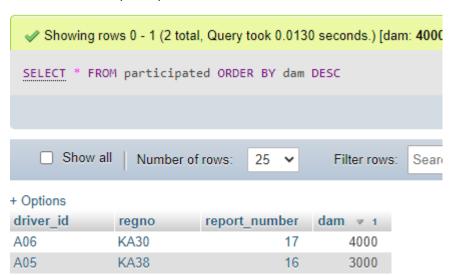
SELECT * FROM owns;



SELECT * FROM participated;

KA30

A06



UPDATE participated SET dam = 2500 WHERE report_number = 12 AND regno = 'KA37';

insert into accident(report_number,dat,location) values(18,'2008-11-19','Koppal'); insert into accident(report_number,dat,location) values(19,'2000-11-19','Koppal'); insert into person(driver_id,nam,address) values('A09','Hari K','Karnataka'); insert into car(regno,model,yea) values('KA31','MARUTI',2008);

```
insert into participated(driver_id,regno,report_number,dam) values('A09','KA31',12,2000);
```

```
SELECT
  COUNT(DISTINCT driver_id) cnt
FROM
  participated a,
  accident b
WHERE
  b.report_number = b.report_number
     AND b.dat LIKE '%08';
 Your SQL query has been executed successfully.
 SELECT COUNT(DISTINCT driver_id) cnt FROM participated a, accident b WHERE b.report_number = b.report_number AND b.dat LIKE '*08'
                                                                               Profiling [Edit inline] [ Edit ] [ Explain SQL ] [ Create
+ Options
cnt
SELECT
  COUNT(DISTINCT report_number) cn
FROM
  car x,
  participated y
WHERE
  y.regno = x.regno AND x.model = 'MARUTI';
 Your SQL query has been executed successfully.
 SELECT COUNT(DISTINCT report_number) cn FROM car x, participated y WHERE y.regno = x.regno AND x.model = 'MARUTI'
                                                                                         ☐ Profiling [Edit inline] [ Edit ] [ Exp
+ Options
cn
```

SELECT

*

FROM

participated

ORDER BY dam DESC;



+ Options

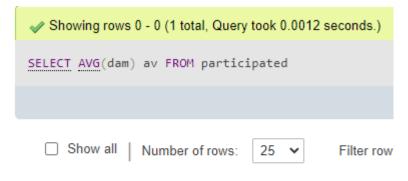
driver_id	regno	report_number	dam ♥ 1
A06	KA30	17	4000
A05	KA38	16	3000
A01	KA37	12	2500
A0	KA39	15	2500
A03	KA36	14	2000
A09	KA31	12	2000
A02	KA35	13	1500

SELECT

AVG(dam) av

FROM

participated;



+ Options

av

2500.0000

```
SET SQL_SAFE_UPDATES=0;
DELETE FROM participated
WHERE
  dam <= 2500;
SELECT
  nam
FROM
  person p,
  participated q
WHERE
  p.driver_id = q.driver_id AND dam > 2500;
  Showing rows 0 - 1 (2 total, Query took 0.0020 seconds.)
  SELECT nam FROM person p, participated q WHERE p.driver_id = q.driver_id AND dam > 2500
                                                                                          Profiling

☐ Show all

                Number of rows:
                                  25 🕶
                                             Filter rows:
                                                        Search this table
+ Options
nam
 Jadega
 KL RAHUL
```

```
SELECT
  nam, dam
FROM
  person p,
  participated q
WHERE
  p.driver_id = q.driver_id AND dam > 2500;
  SELECT nam, dam FROM person p, participated q WHERE p.driver_id = q.driver_id AND dam > 2500
                                                                              Profiling [E
   ☐ Show all | Number of rows:
                                       Filter rows:
                                                Search this table
+ Options
nam
            dam
            3000
Jadega
KL RAHUL
            4000
```