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create database insurance1;
use insurance1;
create table person
(driver_id char(10),
name varchar(20),
address varchar(10),
primary key(driver_id)
);
show tables;
desc person;
create table car
(reg_num char(10),
model varchar(20),
year year,
primary key(reg_num)
);
desc car;
create table owns
(driver_id char(10), reg_num char(10),
primary key(driver_id, reg_num),
foreign key(driver_id) references person(driver_id)
on delete cascade,
foreign key(reg_num) references car(reg_num)
on delete cascade);
desc owns;
create table accident
(report_num char(10),
accident_date date,
location varchar(20),
primary key(report_num)
);
desc accident;
create table participated
(driver_id char(10),
reg_num char(10),
report_num char(10),
damage_amount int,
primary key(driver_id, reg_num, report_num),
foreign key(driver_id) references person(driver_id)
on delete cascade,
foreign key(reg_num) references car(reg_num)
on delete cascade,
foreign key(report_num) references accident(report_num)
on delete cascade);
desc participated;
show tables;

insert into person values( 2345, 'saki', 'banagalore'), ( 2346, 'ichika', 'mysore'), ( 2347, 'hona',
'banagalore'), ( 2348, 'shiho', 'mangalore');
select * from person;
insert into car values( 1000, 'honda', '2018'), ( 1001, 'benz', '2019'), ( 1002, 'suzuki', '2020'), (

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1003, 'nano', '2021');
select * from car;
insert into owns values( 2345, 1000), ( 2346, 1001), ( 2347, 1002), ( 2348, 1003);
select * from owns;
insert into accident values( 11, '2003-01-01', 'mysore road'), ( 12, '2003-02-02', 'south end
circle'), ( 13, '2003-03-03', 'tumkur'), ( 14, '2003-04-04', 'ring road');
select * from accident;
insert into participated values( 2345, 1000, 11, 2000), ( 2346, 1001, 12, 3000), ( 2347, 1002,
13, 4000), ( 2348, 1003, 14, 5000);
select * from participated;
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select * from participated order by damage_amount desc;
select avg(damage_amount) from participated;
select max(damage_amount) from participated;
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