INSURANCE DATABASE

create database 060_insurance;

use 060_insurance;

create table person

create table person(

driver_id varchar(10),

driver_name varchar(20),

address varchar(30),

primary key(driver_id));

create table car

create table car(

reg_num varchar(10),

model varchar(10),

year int,

primary key(reg_num));

create table OWNS

create table OWNS(

driver_id Varchar(10),

reg_num varchar(10),

PRIMARY KEY(driver_id,reg_num),

foreign key(driver_id) references person(driver_id),

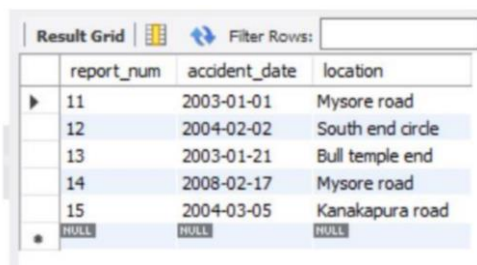foreign key (reg_num) references car(reg_num));

create table Accident

create table Accident(

report_num varchar(30),

create table participated

create table participated(

driver_id varchar(10),

reg_num varchar(10),

report_num varchar(30),

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));

Inserting values into table accident and displaying:

insert into Accident values("11","2003-01-01","Mysore Road");

insert into Accident values('12',"2004-02-02","South end Circle");

insert into Accident values('13',"2003-01-21","Bull Temple Road");

insert into Accident values('14',"2008-02-17","Mysore Road");

insert into Accident values('15',"2004-03-05","Kanakpura Road");

select * from Accident;

Inserting values into table person and displaying:

insert into person values ('A01','Richaed','Srinivas nagar');

insert into person values('A02','Pradeep','Rajaji nagar');

insert into person values('A03','Smith','Aahok nagar'),

('A04','venu','N R Colony'),

('A05','Jhon','Hanumanth Nagar');

select * from person;

Inserting values into table car and displaying:

insert into car values

('KA052250','Indica',1990),

('KA031181','Lancer',1998),

('KA095477','Toyota',1998),

('KA053408','Honda',2008),

('KA041702','Audi',2005);

select * from car;

Inserting values into table owns and displaying:

insert into OWNS values('A01','KA052250'),

('A02','KA031181'),

('A03','KA095477'),

('A04','KA053408'),

('A05','KA041702');

select * from OWNS;

owns 9 ×

Inserting values into table participated and displaying:

insert into participated values("A01",'KA052250',11,10000);

insert into participated values("A02",'KA053408',12,50000);

insert into participated values("A03",'KA095477',13,25000);

insert into participated values("A04",'KA031181',14,3000);

insert into participated values("A01",'KA041702',15,5000);

select * from participated;

WEEK 1-QUERIES

• Update the damage amount to 25000 for the car with a specific reg-num (example 'KA053408') for which the accident report number was 12.

SQL>update participated set damage_amount=25000 where reg_num='KA053408' and report_num=12
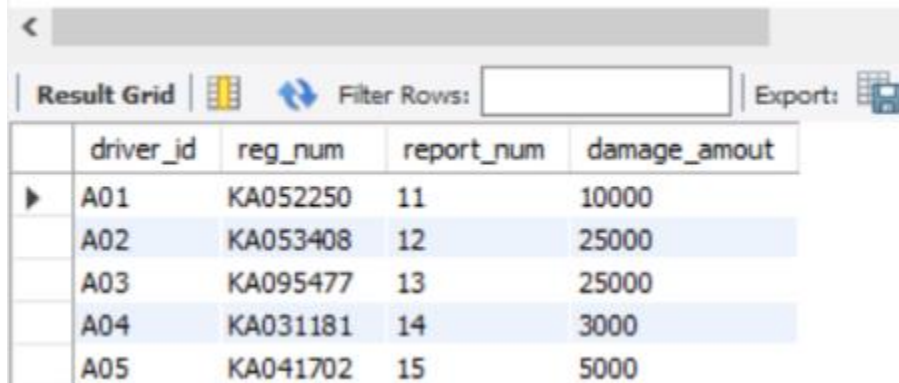
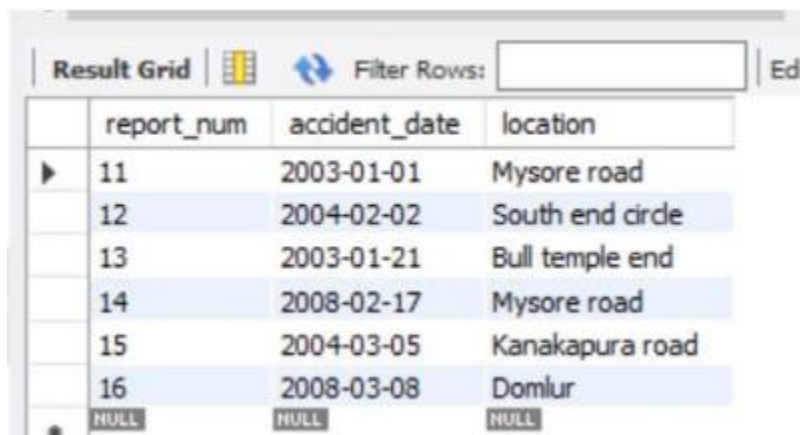select * from participated order by damage_amount desc ;

driver_id	reg_num	report_num	damage_amout
A01	KA052250	11	10000
A02	KA053408	12	25000
A03	KA095477	13	25000
A04	KA031181	14	3000
A05	KA041702	15	5000

Add a new accident to the database.

 SQL>insert into accident values(16,'2008-03-08',"Domlur"); SQL>select * from accident;

report_num	accident_date	location
11	2003-01-01	Mysore road
12	2004-02-02	South end circle
13	2003-01-21	Bull temple end
14	2008-02-17	Mysore road
15	2004-03-05	Kanakapura road
16	2008-03-08	Domlur
NULL	NULL	NULL

Find the total number of people who owned cars that were involved in accidents in 2008.

SQL> select count (distinct driver_id) CNT from participated a, accident b where a.report_num=b.report_num and b.accident_date like '%08%';

Result Grid | Filter Rows:

	CNT
▶	1

Display Accident date and location

SQL> select accident_date, location from accident;

Result Grid | Filter Rows:

	accident_date	location
▶	2003-01-01	Mysore road
	2004-02-02	South end circle
	2003-01-21	Bull temple end
	2008-02-17	Mysore road
	2004-03-05	Kanakapura road
	2008-03-08	Domlur

Display driver id who did accident with damage amount greater than or equal to Rs.25000

SQL> select driver_id from participated where damage_amount>=25000;

Result Grid

	driver_id
▶	A02
	A03