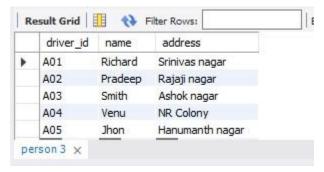**i) Create the above tables by properly specifying the primary keys and the foreign keys.**
ii)Enter at least five tuples for each relation.
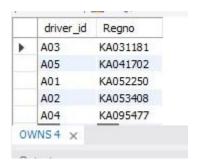
PERSON

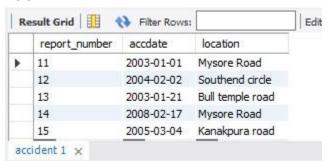| driver_id	name	address
A01	Richard	Srinivas nagar
A02	Pradeep	Rajaji nagar
A03	Smith	Ashok nagar
A04	Venu	NR Colony
A05	Jhon	Hanumanth nagar

person 3 ×

CAR

Regno	model	year
KA031181	Lancer	1957
KA041702	Audi	2005
KA052250	Indica	1990
KA053408	Honda	2008
KA095477	Toyota	1998

OWNS

driver_id	Regno
A03	KA031181
A05	KA041702
A01	KA052250
A02	KA053408
A04	KA095477

OWNS 4 ×

ACCIDENT

report_number	accdate	location
11	2003-01-01	Mysore Road
12	2004-02-02	Southend circle
13	2003-01-21	Bull temple road
14	2008-02-17	Mysore Road
15	2005-03-04	Kanakpura road

accident 1 ×

PARTICIPATED

driver_id	Regno	report_number	damage_amount
▶ A01	KA052250	11	10000
A02	KA053408	12	50000
A03	KA095477	13	25000
A04	KA031181	14	3000
A05	KA041702	15	5000

participated 5 ×

iii)Demonstrate how you
a.Update the damage amount to 25000 for the car with a specific reg-num(example 'K
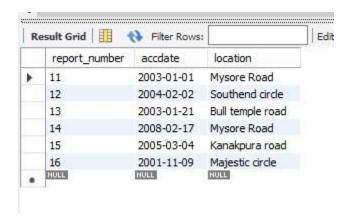**A053408') for which the accident report number was 12.**

Ans : update participated set damage_amount = 25000 where report_number = 12 and Regno = "KA053408";

driver_id	Regno	report_number	damage_amount
▶ A01	KA052250	11	10000
A02	KA053408	12	25000
A03	KA095477	13	25000
A04	KA031181	14	3000
A05	KA041702	15	5000
NULL	NULL	NULL	NULL

b.Add a new accident to the database.

Ans : insert into ACCIDENT values("16","2001-11-09","Majestic circle");

Result Grid | Filter Rows: | Edit

report_number	accdate	location
▶ 11	2003-01-01	Mysore Road
12	2004-02-02	Southend circle
13	2003-01-21	Bull temple road
14	2008-02-17	Mysore Road
15	2005-03-04	Kanakpura road
16	2001-11-09	Majestic circle
NULL	NULL	NULL

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

Ans : select count(*) from person p,accident ac,participated pa where (p.driver_id=pa.driver_id) and (ac.report_number=pa.report_number) and (accdate like "2008%");

no_of_accidents_in_2008
1

Result Grid | Filter Rows:

Result 10 ✕

v)Find the number of accidents in which cars belonging to a specific model (example)were involved.

Ans : select count(*) from car c,accident ac,participated pa where(c.Regno=pa.Regno) and (ac.report_number=pa.report_number) and c.model="Indica";

no_of_accidents_involving_model_Indica
1