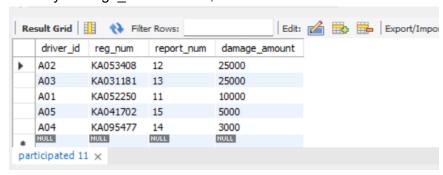# INSURANCE DATABASE

Week 2

To Do:

Query 1: LIST THE ENTIRE PARTICIPATED RELATION IN THE DESCENDING ORDER OF DAMAGE AMOUNT.

select * from participated
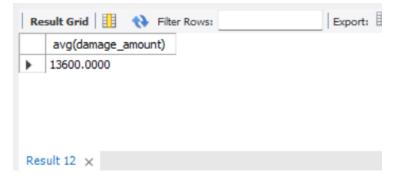
order by damage_amount desc;

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

participated 11 ×

Query 2: FIND THE AVERAGE DAMAGE AMOUNT

select avg(damage_amount)

from participated;

avg(damage_amount)
13600.0000

Result 12 ×

Query 3: DELETE THE TUPLE WHOSE DAMAGE AMOUNT IS BELOW THE AVERAGE DAMAGE AMOUNT

delete from participated

where damage_amount <(select t.avg1 from(select avg(damage_amount) as avg1 from participated) t);

Query 4: LIST THE NAME OF DRIVERS WHOSE DAMAGE IS GREATER THAN THE AVERAGE DAMAGE AMOUNT.

select pname

from person

where driver_id=any

(select driver_id

from participated

where damage_amount>(select avg(damage_amount)
from participated));

pname
▶ Pradeep
Smith

person 21 ✕

Query 5: FIND MAXIMUM DAMAGE AMOUNT.

select max(damage_amount)
from participated;
select * from car
order by year asc;

max(damage_amount)
▶ 25000

Result 22 ✕

Query 6: Display the entire CAR relation in the ascending order of manufacturing year.
select * from car
order by year asc;

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

car 23 ✕

Query 7: Find the number of accidents in which cars belonging to a specific model (example 'Lancer') were involved.

select count(report_num)
from car c, participated p
where c.reg_num=p.reg_num and c.model='Lancer';

count(report_num)
1

Result 24 ✕

**Query 8: Find the total number of people who owned
cars that were involved in accidents in 2008.**
select count(distinct driver_id) CNT
from participated a, accident b
where a.report_num=b.report_num and b.accident_date like '2008%';

CNT
1

Result 25 ✕