DBMS LAB 2
10/10/25

1.Update the damage amount to 25000 for the car with a specific reg_num(example 'KA053408') for which the accident report number was 12.

>>> update PARTICIPATED set damage_amount=25000

where reg_num='KA053408' and report_num=12;

>output:

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update participated set damage_amount=25000 where reg_num='KA053408' and report_num=12
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2.Display the entire CAR relation in the ascending order of manufacturing year.

>>> select * from CAR

order by year asc;

>output:

Result Grid | Filter Rows:

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

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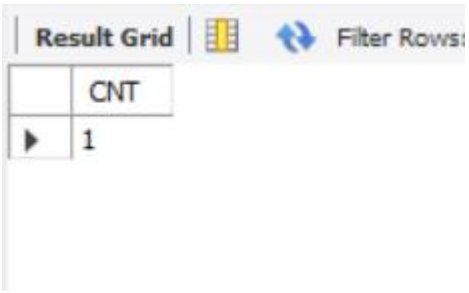
3.Find the number of accidents in which cars belonging to a specific model (example 'Lancer') were involved.

>>>select count(report_num) CNT from CAR C,PARTICIPATED P where C.reg_num=P.reg_num and model='Lancer';

>



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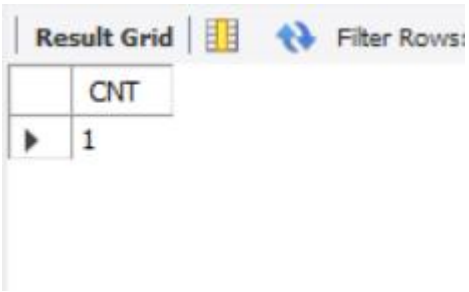
4.Find the total number of people who owned cars that involved in accidents in 2008.

>>>select count(distinct driver_id) CNT from PARTICIPATED A, ACCIDENT B where A.report_num= B.report_num and B.accident_date like '2008';

>



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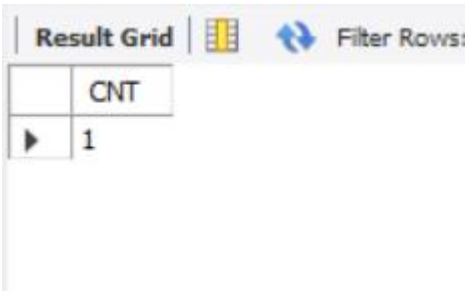
5.Find the number of accidents in which cars belonging to a specific model (ex: ‘Lancer’) were involved accidents in 2008.

>>>select count(distinct driver_id) CNT from PARTICIPATED A, ACCIDENT B where A.report_num= B.report_num and B.accident_date like '2008' and model=’lancer’;

>



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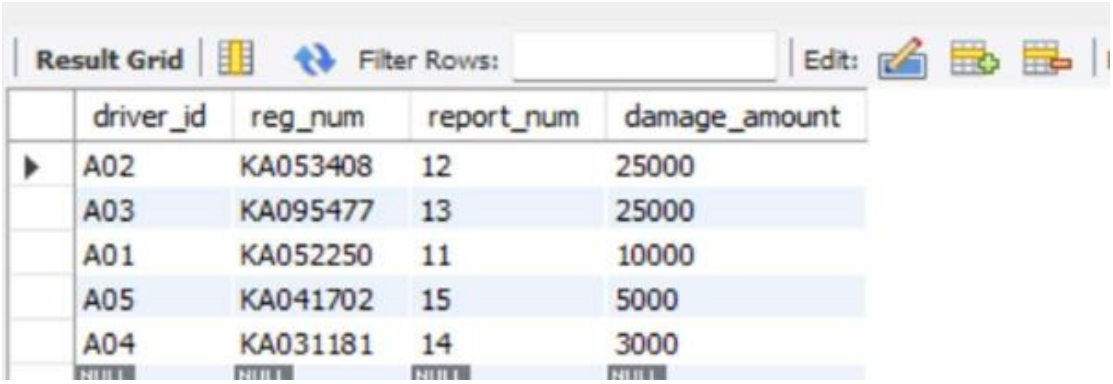
6.LIST THE ENTIRE PARTICIPATED RELATION IN THE DESCENDING ORDER OF DAMAGE AMOUNT.

>>>select * from PARTICIPATED order by damage_amount desc;

>



Result Grid | Filter Rows: | Edit:

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

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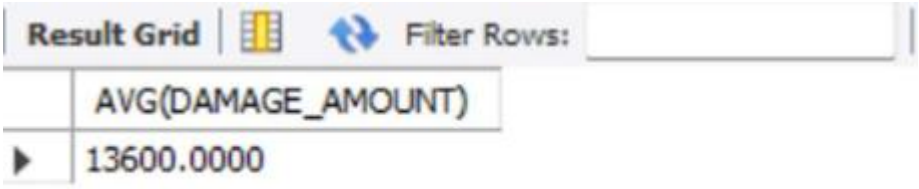
7. FIND THE AVERAGE DAMAGE AMOUNT

>>>select avg(damage_amount) from PARTICIPATED;

>



Result Grid | Filter Rows:

AVG(DAMAGE_AMOUNT)
13600.0000

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8.DELETE THE TUPLE FROM PARTICIPATED RELATION WHOSE DAMAGE AMOUNT IS BELOW THE AVERAGE DAMAGE AMOUNT

>>>delete from PARTICIPATED where damage_amount<(select avg (damage_amount) from PARTICIPATED);

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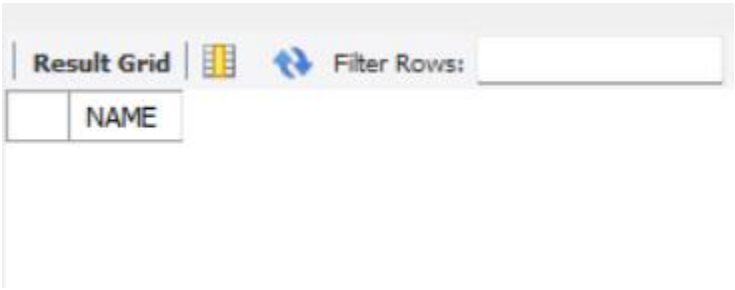
9. LIST THE NAME OF DRIVERS WHOSE DAMAGE IS GREATER THAN THE AVERAGE DAMAGE AMOUNT.

>>>select name from PERSON A, PARTICIPATED B where A.driver_id = B.driver_id and damage_amount>(select avg(damage_amount) from PARTICIPATED);

>



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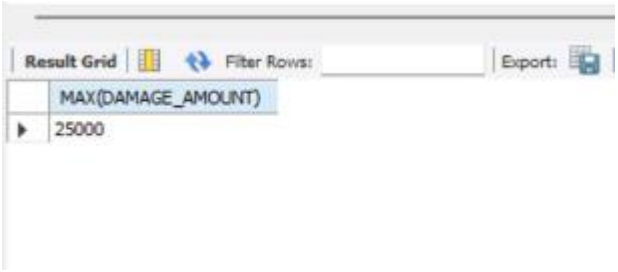
10.FIND MAXIMUM DAMAGE AMOUNT.

>>>select max(damage_amount) from PARTICIPATED;

>



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