

TODO ASSIGNMENTS

use insurance;

-- listing the entire participated table in descending order of damage amount

select *

from participated

order by damage_amount desc;

```
4  -- listing the entire participated table in descending order of damage amount
5  • select *
6  from participated
7  order by damage_amount desc;
```

Result Grid

	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

-- finding the average of damage amounts

select avg(damage_amount) from participated;

```
9  -- finding the average of damage amounts
10 • select avg(damage_amount) from participated;
```

Result Grid

	avg(damage_amount)
▶	13600.0000

-- to delete that entry from participated table whose damage amount is less than average damage amount

delete from participated

where damage_amount < (select * from (select avg(damage_amount) amt from participated)t);

select * from participated;

```
19 -- to delete that entry from participated table whose damage amount is less than average damage amount
20 • delete from participated
21 where damage_amount < (select * from (select avg(damage_amount) amt from participated)t);
22 • select * from participated;
```

<

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: IA

driver_id	reg_num	report_num	damage_amount
A02	KA053408	12	25000
A03	KA031181	13	25000
NULL	NULL	NULL	NULL

select name from person A, participated B where A.driver_id=B.driver_id

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

```
16 -- TO LIST THE NAMES OF ALL DRIVERS WHOSE DAMAGE IS GREATER THAN THE AVERAGE DAMAGE AMOUNT
17 • select name from person A, participated B where A.driver_id=B.driver_id
18 and damage_amount>(select avg(damage_amount) from participated);
```

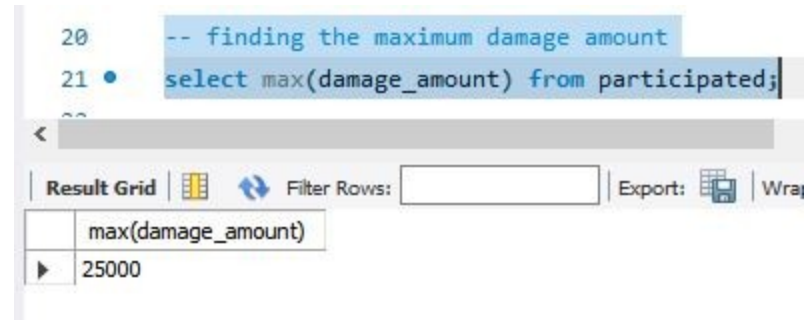
<

Result Grid | Filter Rows: | Export: | Wrap Cell Content: IA

name
Pradeep
Smith

-- finding the maximum damage amount

select max(damage_amount) from participated;



The screenshot shows a SQL IDE interface. The top part displays a code editor with two lines of SQL code: a comment and a query. The query is highlighted in blue. Below the code editor is a toolbar with buttons for 'Result Grid', 'Filter Rows', 'Export', and 'Wrap'. The 'Result Grid' button is active, and a table with one row and one column is displayed below it. The column header is 'max(damage_amount)' and the value is '25000'.

```
20 -- finding the maximum damage amount
21 select max(damage_amount) from participated;
```

Result Grid | Filter Rows: | Export: | Wrap

max(damage_amount)
25000

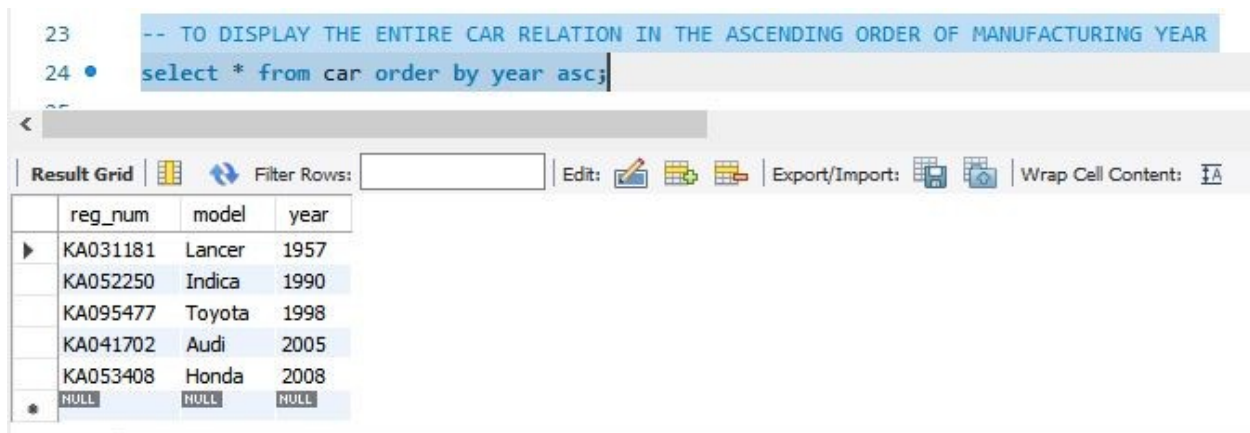
LAB-2 SESSION QUERIES

QUERY 1:

-- TO DISPLAY THE ENTIRE CAR RELATION IN ASCENDING ORDER OF MANUFACTURING YEAR

```
select * from car
```

```
order by year;
```



```
23  -- TO DISPLAY THE ENTIRE CAR RELATION IN THE ASCENDING ORDER OF MANUFACTURING YEAR
24  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

QUERY 2:





-- TO FIND THE NUMBER OF ACCIDENTS IN WHICH THE CAR BELONGING TO A SPECIFIC MODEL WAS INVOLVED IN ACCIDENT

```
select count(report_num)
```

```
from car c,participated p
```

```
where c.reg_num = p.reg_num and c.model='Lancer';
```

```
27 -- TO FIND THE NUMBER OF ACCIDENTS IN WHICH THE CAR BELONGING TO A SPECIFIC MODEL WAS INVOLVED IN ACCIDENT
28 • select count(report_num)
29 from car c,participated p
30 where c.reg_num = p.reg_num and c.model='Lancer';
```

<   Filter Rows: | Export:  | Wrap Cell Content: 

	count(report_num)
▶	1





QUERY 3:

-- TO FIND TOTAL NUMBER OF PEOPLE WHO OWNED CARS THAT WERE INVOLVED IN ACCIDENTS IN 2008

select count(distinct driver_id) from participated a,accident b

where a.report_num = b.report_num and b.accident_date like '%08';

```
35 -- TO FIND TOTAL NUMBER OF PEOPLE WHO OWNED CARS THAT WERE INVOLVED IN ACCIDENTS IN 2008
36 • select count(distinct driver_id) from participated a,accident b
37 where a.report_num = b.report_num and b.accident_date like '%08';
38
```

<   Filter Rows: | Export:  | Wrap Cell Content: 

	count(distinct driver_id)
▶	1