PROGRAM 2: INSURANCE DATABASE (29/09)

Query 1: Display the entire CAR relation in the ascending order of manufacturing year.

```
13 •  select * from car order by year asc;
```

Result Grid | Filter Rows: | Edit:

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

Query 2: Find the number of accidents in which cars belonging to a specific model (example 'Lancer') were involved.

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

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

count(report_num)
1

Query 3: Find the total number of people who owned cars that involved in accidents in 2008.

```
13 •  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: | Export: | Wrap Cell Content:

CNT
1

Query 4: List the entire participated relation in the Descending Order of Damage Amount.

```
18 •  SELECT * FROM PARTICIPATED ORDER BY DAMAGE_AMOUNT DESC;
```

Result Grid | Filter Rows: | Edit: | Export/Impo

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
NULL	NULL	NULL	NULL

Query 5: Find the Average Damage Amount.

```
68 •  SELECT AVG(DAMAGE_AMOUNT) FROM PARTICIPATED;
```

Result Grid | Filter Rows: | Export: | Wra

AVG(DAMAGE_AMOUNT)
13600.0000

Query 8: List the name of drivers whose Damage is Greater than the Average Damage Amount.

```
70 •  SELECT NAME FROM PERSON A, PARTICIPATED B WHERE A.DRIVER_ID = B.DRIVER_ID
71    AND DAMAGE_AMOUNT>(SELECT AVG(DAMAGE_AMOUNT) FROM PARTICIPATED);
```

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

NAME
Pradeep
Smith

Query 9: Find Maximum Damage Amount.

```
73 •    SELECT MAX(DAMAGE_AMOUNT) FROM PARTICIPATED;
```

Result Grid | Filter Rows: | Export:

MAX(DAMAGE_AMOUNT)
25000