## **Query Writing:**

## Single Row Functions:

1. Display e\_name,e\_hiredate from employee. Sort the data in descending order.

Ans: Select e\_name, e\_hiredate from employee order by e\_hiredate desc;

```
Select e_name, e_hiredate from employee order by e_hiredate desc;
```

E_NAME	E_HIREDATE
MAKSUD	28-SEP-18
RAHID	12-SEP-18
TANZIN	14-MAY-18
SAMSUDDOHA	25-MAR-18
ARAFAT	02-FEB-18

Results Explain Describe Saved SQL History

5 rows returned in 0.00 seconds

**CSV Export** 

2. Display c\_name, c\_id from customer who is using the service of UBER where of\_id=1224.

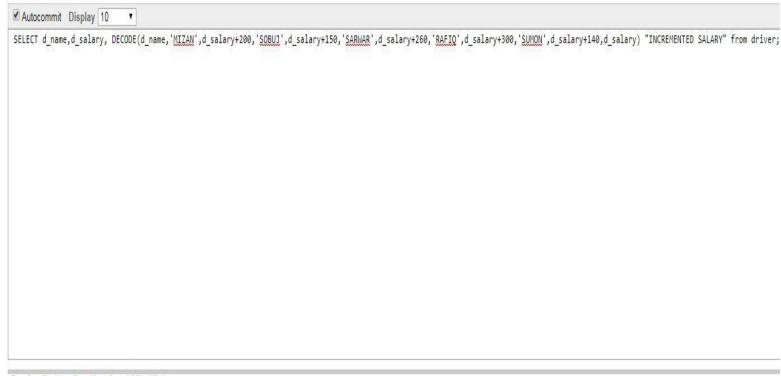
Ans: select c\_name,c\_id from customer where of\_id=1224;





3. Display the incremented salary of driver by \$200, \$150, \$260, \$300, \$140 respectively.

Ans: SELECT d\_name,d\_salary,
DECODE(d\_name,'MIZAN',d\_salary+200,'SOBUJ',d\_salary+150,'SA
RWAR',d\_salary+260,'RAFIQ',d\_salary+300,'SUMON',d\_salary+140,
d\_salary) "INCREMENTED SALARY" from driver;



Results Explain Describe Saved SQL History

D_NAME	D_SALARY	INCREMENTED SALARY
MIZAN	230	430
SOBUJ	275	425
SARWAR	210	470
RAFIQ	321	621
SUMON	250	390

5 rows returned in 0.00 seconds CSV Export

## Group Functions:

4. Find the average, minimum and maximum salary of the employees group by of\_id. Label the columns AVG, MIN and MAX respectively. Ans: SELECT avg(e\_salary) AVG,min(e\_salary)MIN,max(e\_salary)MAX from employee group by of\_id;

SELECT avg(e\_salary) AVG,min(e\_salary)MIN,max(e\_salary)MAX from employee group by of\_id;

Results	Explain	Describe	Saved SQL	History

AVG	MIN	MAX
750	750	750
3100	1800	5000
1250	1250	1250

3 rows returned in 0.03 seconds

CSV Export

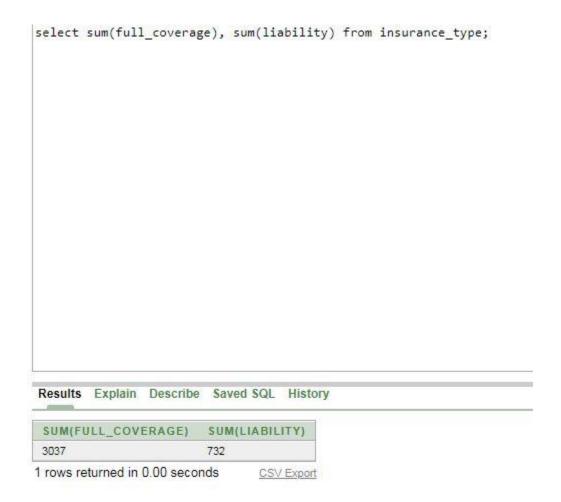
5. Using count function find out the total customer who is using black or silver color car from the inventory.

Ans: select count(c\_id) from car where color='SILVER' or color='BLACK';



6. Find out the total sum of the full\_coverage and liability of all the car insurance from insurance type.

Ans: select sum(full\_coverage), sum(liability) from insurance\_type;



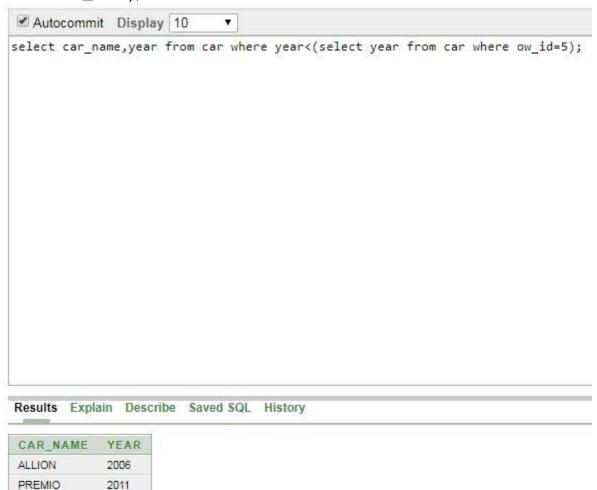
## Subqueries:

FIELDER

2006 3 rows returned in 0.00 seconds

7. Display the car names and year before 2012-year car model where owner id is 5.

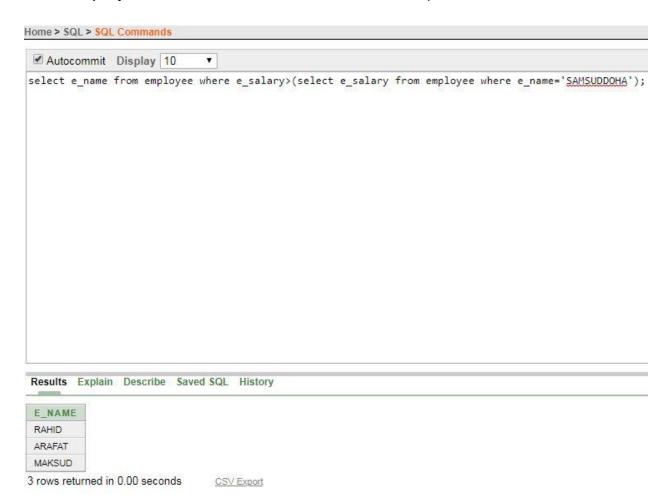
Ans: select car\_name, year from car where year<(select year from car where ow\_id=5);



CSV Export

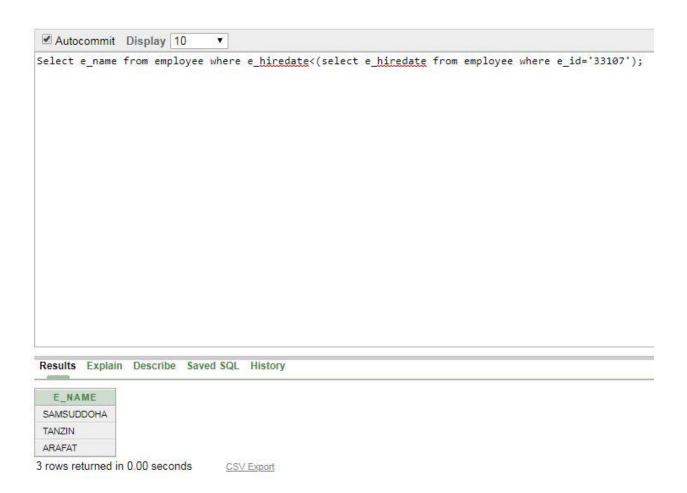
8. Display the name of the employees who earn more than employee SAMSUDDOHA.

Ans: select e\_name from employee where e\_salary>(select e\_salary from employee where e\_name='SAMSUDDOHA');



9. Display the name of the employee who joined before e\_id=33107.

Ans: Select e\_name from employee where e\_hiredate<(select e\_hiredate from employee where e\_id='33107');



Joining:

10.