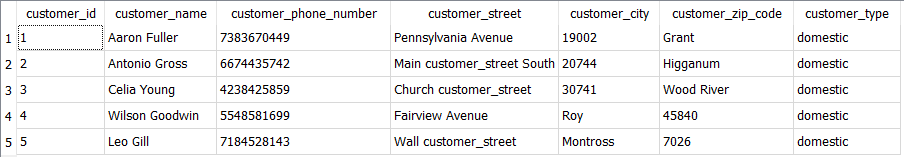
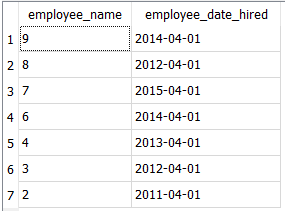
1. Find out all the domestic customers.

select \* from customer where customer\_type = 'domestic';



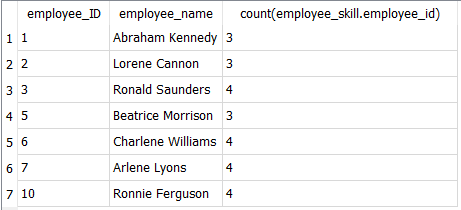
2. Find all the employee ID, name and hired date who were hired before the end of May 2015.

select employee\_id employee\_name, employee\_date\_hired from employee where employee\_date\_hired <= '2015-05-30' order by employee\_id DESC;



3. Find out the employee id, name who has more than 2 skills.

SELECT employee.employee\_id, employee\_name, count(employee\_skill.employee\_id) FROM employee, employee\_skill where employee\_skill.employee\_id = employee.employee\_id GROUP BY employee.employee\_id HAVING count(employee\_skill.employee\_id)>2;



4. Find out all the Japanese customers

Select \* FROM international\_customer where international\_customer\_country = 'Japan';



5. Find out the customerid, customer name, customer type and how many orders each customer has.

SELECT customer.customer\_id, customer\_name, customer\_type, count(orders.customer\_id) as ordernumber

FROM customer

LEFT JOIN orders

ON customer.customer\_id = orders.customer\_id

group by customer.customer\_id;

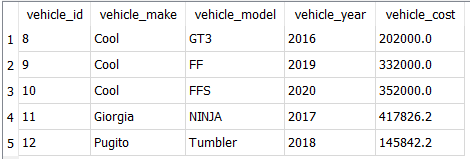


6.Find out the vehicle id, make, model, year, and cost of the vehicles which the costs are above average.

SELECT vehicle\_id, vehicle\_make, vehicle\_model, vehicle\_year, vehicle\_cost

FROM vehicle

WHERE vehicle\_cost > (SELECT AVG (vehicle\_cost) FROM vehicle);



7.Find out vehicle make, model which were made after 2015, and all the service info from the vehicle and service table.

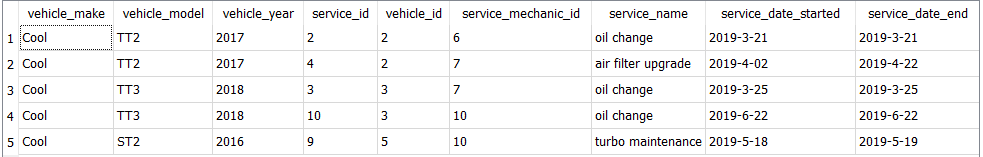
SELECT vehicle.vehicle\_make, vehicle.vehicle\_model, vehicle.vehicle\_year, service.\*

FROM vehicle

INNER JOIN service ON vehicle.vehicle\_id = service.vehicle\_id

WHERE vehicle\_year > '2015'

ORDER BY service.vehicle\_id;



8. Find out the mechanic id of the emchanic whose houly rate higher than 40 and who works with the parts lower than 3000, and the name of the parts.

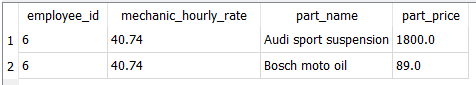
SELECT employee\_id, mechanic\_hourly\_rate, part\_name, part\_price

FROM mechanic

LEFT JOIN part ON employee\_id = mechanic\_id

WHERE mechanic\_hourly\_rate>40 AND employee\_id = (SELECT mechanic\_id from part where part\_price<3000)

order by employee\_id;



9.Find out the sales person's average rate of commission of total vehicle cost

SELECT AVG(sales\_person\_commission) / AVG(vehicle\_cost)

FROM sales\_person, vehicle;



1. Find out the info of the supplier who offers the most expensive part

SELECT DISTINCT\*, MAX(part\_price) FROM supplier, part

WHERE supplier.supplier\_id= part.supplier\_id;

