1)

SELECT customer\_id, COUNT(customer\_vehicle\_id) Counts from simple\_auto\_shop.tbl\_customer\_vehicle   
GROUP BY customer\_id HAVING COUNT(customer\_vehicle\_id) >2;

2)

SELECT order\_id, Count(service\_id) FROM simple\_auto\_shop.tbl\_order\_service  
GROUP BY order\_id;

3)

SELECT first\_name, last\_name, COUNT(vehicle\_id) as num\_vehicles  
FROM simple\_auto\_shop.tbl\_customer, simple\_auto\_shop.tbl\_customer\_vehicle   
WHERE tbl\_customer.customer\_id = tbl\_customer\_vehicle.customer\_id  
GROUP BY tbl\_customer.customer\_id  
HAVING Count(vehicle\_id)>2;

4)

SELECT service\_id, name, ((labor\_hour \* labor\_cost\_per\_hour) + part\_cost) as total\_cost   
FROM simple\_auto\_shop.tbl\_service, simple\_auto\_shop.tbl\_rate  
WHERE tbl\_service.rate\_id = tbl\_rate.rate\_id AND ((labor\_hour \* labor\_cost\_per\_hour) + part\_cost)>500  
ORDER BY service\_id;

5)

SELECT tbl\_order\_service.service\_id, name, start\_time, end\_time, ((labor\_hour \* labor\_cost\_per\_hour) + part\_cost) as total\_cost  
FROM simple\_auto\_shop.tbl\_order\_service, simple\_auto\_shop.tbl\_order, simple\_auto\_shop.tbl\_service, simple\_auto\_shop.tbl\_rate  
WHERE tbl\_order\_service.order\_id = tbl\_order.order\_id AND tbl\_order\_service.service\_id = tbl\_service.service\_id AND tbl\_service.rate\_id = tbl\_rate.rate\_id;

6)

SELECT customer\_id, first\_name, last\_name, MAX(total\_cost) FROM(  
SELECT customer\_id, first\_name, last\_name, (labor\_hour \* labor\_cost\_per\_hour) + part\_cost as total\_cost  
FROM simple\_auto\_shop.tbl\_customer   
NATURAL JOIN simple\_auto\_shop.tbl\_customer\_vehicle   
NATURAL JOIN simple\_auto\_shop.tbl\_vehicle\_order   
NATURAL JOIN simple\_auto\_shop.tbl\_order\_service   
NATURAL JOIN simple\_auto\_shop.tbl\_service  
NATURAL JOIN simple\_auto\_shop.tbl\_rate  
GROUP BY total\_cost DESC) a;

7)

SELECT vehicle\_id, year, make, model, mileage, COUNT(vehicle\_id) as assoc\_orders, SUM((labor\_hour \* labor\_cost\_per\_hour) + part\_cost) as total\_cost  
FROM simple\_auto\_shop.tbl\_vehicle   
NATURAL JOIN simple\_auto\_shop.tbl\_vehicle\_order   
NATURAL JOIN simple\_auto\_shop.tbl\_order\_service   
NATURAL JOIN simple\_auto\_shop.tbl\_service   
NATURAL JOIN simple\_auto\_shop.tbl\_order   
NATURAL JOIN simple\_auto\_shop.tbl\_rate  
GROUP BY vehicle\_id;