

EX1

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-- a
select * from dealer inner join client
    on dealer.id = client.dealer_id;
-- b
select client.name,client.city,client.priority,sell.id,
sell.amount,sell.date from client inner join sell
    on sell.dealer_id = client.dealer_id;
--c
select dealer.name as dealer,client.name,client.city from dealer inner join
client on dealer.location = client.city
--d
select sell.id,sell.amount,client.name, client.city from sell inner join
client on
    sell.amount >= 100 and sell.amount <= 500 and client.id = sell.client_id;
--e
select dealer.id, dealer.name from dealer left outer join client on
client.dealer_id = dealer.id
--f
select dealer.name,client.name,client.city, dealer.charge from dealer inner
join client on dealer.id = client.dealer_id
--g
select client.name,client.city, dealer.name from client inner join dealer on
dealer.id = client.dealer_id where dealer.charge > 0.12
--h
select client.name,client.city, sell.id , sell.amount,dealer.name,
dealer.charge
from (client left join sell on client.id = sell.client_id) left join dealer
on dealer.id = sell.dealer_id
--i
select client.name,client.city, client.priority,dealer.name,
sell.id,sell.amount
from client right outer join dealer on client.dealer_id = dealer.id
    left outer join sell on client.id = sell.client_id where amount
>= 2000 and client.priority IS NOT NULL;
```

EX2

```
--a
drop view view1;--a
drop view view2;--b
drop view view3;--c
drop view view4 -- d
drop view view5;--e
drop view view6;--f
drop view view7;--g

--a
create view view1 as select date, count(distinct client_id ), avg(amount),
sum(amount) from sell group by date
--b
create view view2 as select date, count(distinct client_id ), avg(amount),
sum(amount) as summa
                                from sell group by date order
by summa desc LIMIT 5;
--c
create view view3 as select count(client_id),avg(amount), sum(amount) from
sell group by client_id;
--d
create view view4 as
select location, charge, sum(amount) as sum, charge * sum(amount) as
total_price
from sell inner join dealer on sell.dealer_id = dealer.id group by
```

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location, charge;
--e
create view view5
as select count(client_id), avg(amount), sum(amount)
from sell inner join dealer on sell.dealer_id = dealer.id group by location;
--f
create view view6 as
select count(sell.id), avg(amount), sum(amount)
from client inner join sell on client.id = sell.client_id group by city;
--g
create view view7 as
select city, sum(amount) as summa
from (sell inner join client on sell.client_id = client.id) group by city
where summa > (select sum(amount) from dealer inner join sell on
dealer.id = sell.dealer_id group by location)

```