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-- 1 Task

-- a
select *
from dealer, client;

--b
select dealer.name, client.name, city, priority, date, amount
from dealer, client, sell;

--c
select dealer.name, client.name
from dealer, client
where dealer.location = client.city;

--d
select sell.id, amount, client.name, client.city
from sell, client
where amount between 100 and 500 and sell.client_id = client.id;

--e
select dealer.name
from client, dealer
where dealer.id = client.dealer_id
group by dealer.name
having count(client.dealer_id) >= 1 or count(client.dealer_id) = 0;

--f
select client.name, city, dealer.name, charge
from client, dealer
where client.dealer_id = dealer.id;

--g
select client.name, city, dealer.name, charge
from client, dealer
where client.dealer_id = dealer.id and charge > 0.12;

--h
select client.name, city, sell.id, date, amount, dealer.name, charge
from client, sell, dealer
where sell.client_id = client.id and sell.dealer_id = dealer.id and dealer.id
= client.dealer_id and (amount = 0 or amount >= 1);

--i
select client.name, priority, dealer.name, sell.id, amount
from client, dealer, sell
where sell.client_id = client.id and sell.dealer_id = dealer.id and dealer.id
= client.dealer_id
group by client.name, priority, dealer.name, sell.id, amount
having count(client.dealer_id) >= 1 and (count(amount) >= 1 or count(amount)
= 0) and priority is not null;

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