

```

-- 1 Task
-- a
select *
from dealer, client;

--b
select dealer.name, client.name, city, priority, date, amount
from dealer
inner join client on dealer.id = client.dealer_id
inner join sell on client.id = sell.client_id and dealer.id = sell.dealer_id
group by dealer.name, client.name, city, priority, date, amount;

select dealer.name, client.name, city, priority, date, amount
from dealer, client, sell
where dealer.id = client.dealer_id and sell.dealer_id = dealer.id and
sell.client_id = client.id
group by dealer.name, client.name, city, priority, date, amount;

--c

select dealer.name, client.name
from dealer
inner join client on dealer.location = client.city;

--d

select sell.id, amount, client.name, client.city
from sell
inner join client on sell.client_id = client.id
where amount between 100 and 500;

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

--f

select client.name, city, dealer.name, charge
from client
inner join dealer on client.dealer_id = dealer.id;

--g

select client.name, city, dealer.name, charge
from client
inner join dealer on client.dealer_id = dealer.id
where charge > 0.12;

--h

select client.name, city, sell.id, date, amount, dealer.name, charge
from client
full outer join dealer on client.dealer_id = dealer.id
full outer join sell on dealer.id = sell.dealer_id and client.id =
sell.client_id
group by client.name, city, sell.id, date, amount, dealer.name, charge
having count(sell.id) > 0 or count(sell.id) = 0;

--i

select client.name, priority, dealer.name, sell.id, amount

```

```
from client
inner join dealer on client.dealer_id = dealer.id
inner join sell on client.id = sell.client_id and dealer.id = sell.dealer_id
group by client.name, priority, dealer.name, sell.id, amount
having count(client.dealer_id) >= 1 and ((count(sell.id) >= 1 or
count(sell.id)
= 0) or amount > 2000) and priority is not null;
```