-- 1.a  
select \* from client where priority<300;  
  
-- 1.b  
select\* from dealer d full join client c on d.id=c.dealer\_id;  
  
-- 1.c  
select d.\*, c.name, c.city, c.priority, s.date, s.amount from dealer d  
join client c on d.id=c.dealer\_id join sell s on d.id=s.dealer\_id;  
  
-- 1.d  
select d.\*, c.\* from dealer d join client c on d.id = c.dealer\_id where d.location=c.city;  
  
-- 1.e  
select s.id, s.amount, c.name, c.city from sell s  
 join client c on s.client\_id = c.id  
 where s.amount>200 and s.amount<500;  
  
-- 1.f  
-- select distinct d.\* from dealer d left join client c on d.id=c.dealer\_id; <-- uniqueee  
select d.\* from dealer d left join client c on d.id=c.dealer\_id;  
  
-- 1.g  
select c.name, c.city, d.name, d.commission from client c inner join dealer d on c.dealer\_id = d.id;  
  
-- 1.h  
select c.name, c.city, d.name, d.commission from client c inner  
 join dealer d on c.dealer\_id = d.id where d.commission>0.13;  
  
-- 1.i  
select c.name, c.city, s.id, s.date, s.amount, d.name, d.commission from sell s  
 join client c on c.id = s.client\_id join dealer d on s.dealer\_id = d.id;  
  
-- 1.j  
select c.name, c.priority, d.name, s.id, s.amount  
from dealer d join sell s on d.id=s.dealer\_id join client c on d.id=c.dealer\_id;  
  
  
-- 2a  
create or replace view vista1  
 as select s.date, *count*(distinct s.client\_id), *avg*(s.amount), *sum*(s.amount)  
 from sell s group by (s.date);  
  
-- 2b  
create or replace view vista2 as select date, amount from sell order by (amount) desc limit 5;  
drop view vista2;  
select\* from vista2;  
  
-- 2c  
create or replace view vista3  
 as select d.id, *count*(s.id), *avg*(s.amount), *sum*(s.amount)  
 from sell s join dealer d on s.dealer\_id = d.id group by(d.id);  
  
select\* from vista3;  
  
-- 2d  
create or replace view vista4 as select dealer\_id, A.total\*commission total\_comm, A.city  
 from(select A.dealer\_id, total, city  
 from(select dealer\_id, *sum*(amount) as total from sell group by(dealer\_id))  
 A inner join client on A.dealer\_id=client.dealer\_id) A, dealer;  
  
select\* from vista4;  
  
  
-- 2.e  
create or replace view vista5  
 as select s.dealer\_id, *count*(s.id), *avg*(s.amount), *sum*(s.amount), d.location  
 from sell s join dealer d on d.id=s.dealer\_id group by(s.dealer\_id, d.location);  
select\* from vista5;  
  
-- 2f  
create or replace view vista6  
 as select *count*(s.id), *avg*(s.amount), *sum*(s.amount), c.city  
 from sell s join client c on c.id = s.client\_id group by(c.city);  
select\* from vista6;  
  
-- 2g  
create or replace view vista7  
 as select city  
 from (select *count*(client\_id), *avg*(amount), *sum*(amount) as total\_expences, city  
 from sell inner join client on sell.client\_id=client\_id group by(city)) A,  
 (select *count*(client\_id), *avg*(amount), *sum*(amount) as total\_sales, location  
 from sell inner join dealer on sell.dealer\_id = dealer.id group by(location)) B  
 where city = location and total\_expences>total\_sales;  
select\* from vista7;