**Problem 1**

with pr as(

select city, count(room\_type) as a from airbnb\_search\_details

where room\_type= 'Private room'

group by city

),

apt as (

select city, count(room\_type) as b from airbnb\_search\_details

where room\_type= 'Entire home/apt'

group by city

),

sh as (

select city, count(room\_type) as c from airbnb\_search\_details

where room\_type= 'Shared room'

group by city

),

tab1 as (

select pr.city as city, pr.a as d, apt.b as e from pr

full outer join apt on pr.city=apt.city

)

Select tab1.city, tab1.e as apartments, tab1.d as private, sh.c as shared from tab1

full outer join sh on tab1.city=sh.city

**Problem 2**

With tab as(

SELECT purpose, sum(miles) as total\_mileage FROM my\_uber\_drives

where category = 'Business'

group by purpose

order by total\_mileage desc

)

SELECT \* from tab

Limit 3