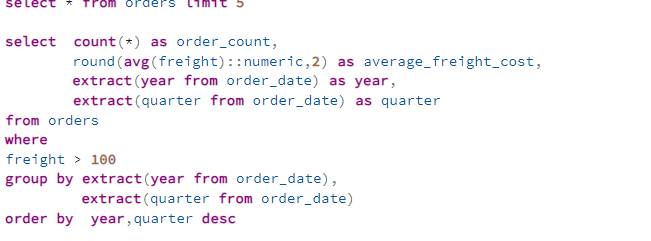
Day 5

*1. GROUP BY with WHERE - Orders by Year and Quarter Display, order year, quarter, order count, avg freight cost only for those orders where freight cost > 100*/

## QUERY:

select \* from orders limit 5

select count(\*) as order\_count, round(avg(freight)::numeric,2) as average\_freight\_cost, extract(year from order\_date) as year, extract(quarter from order\_date) as quarter from orders where freight > 100 group by extract(year from order\_date), extract(quarter from order\_date) order by year,quarter desc

Output:

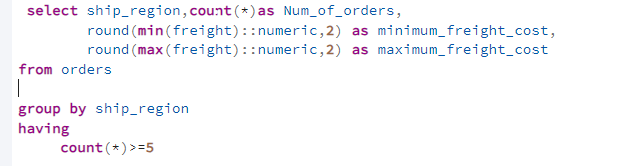


2 GROUP BY with HAVING - High Volume Ship Regions

Display, ship region, no of orders in each region, min and max freight cost

Filter regions where no of orders >= 5

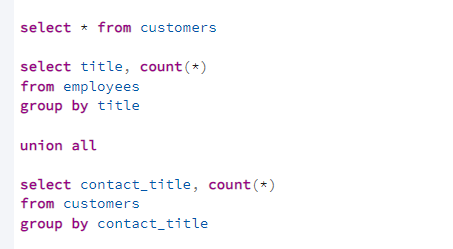
## QUERY:

Output:



3. Get all title designations across employees and customers ( Try UNION & UNION ALL)

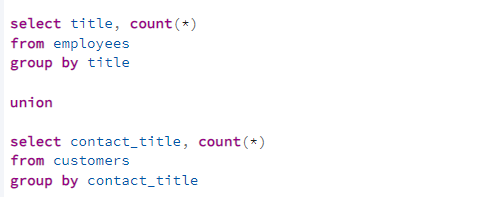
## Query:



## Output:



## Union:

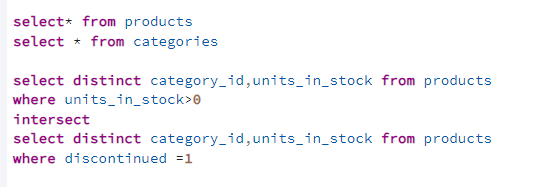


## Output:

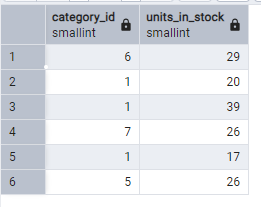


/*4. Find categories that have both discontinued and in-stock products (Display category\_id, instock means units\_in\_stock > 0, Intersect)*/

## Query:

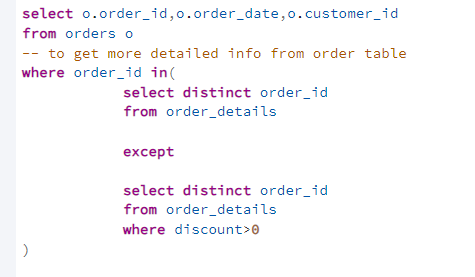


## Output:



--5.Find orders that have no discounted items (Display the order\_id, EXCEPT)

## Query:



## Output:

