

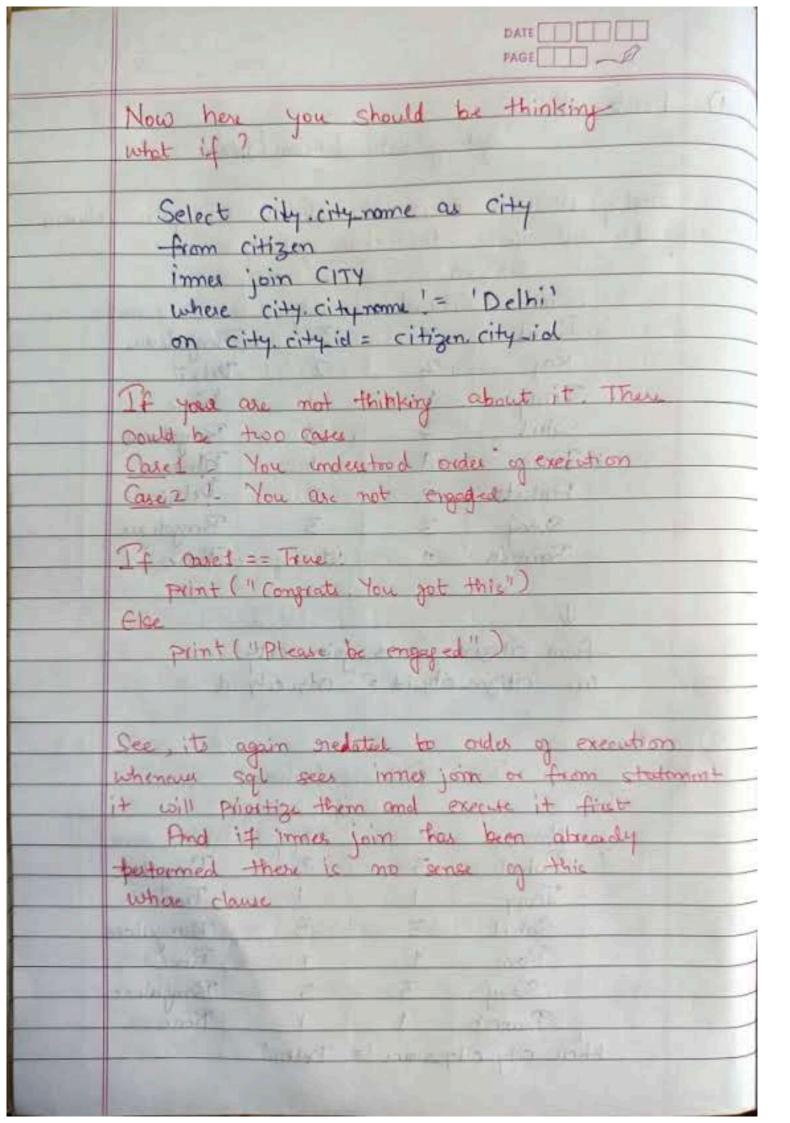
Order of Execution in SQL

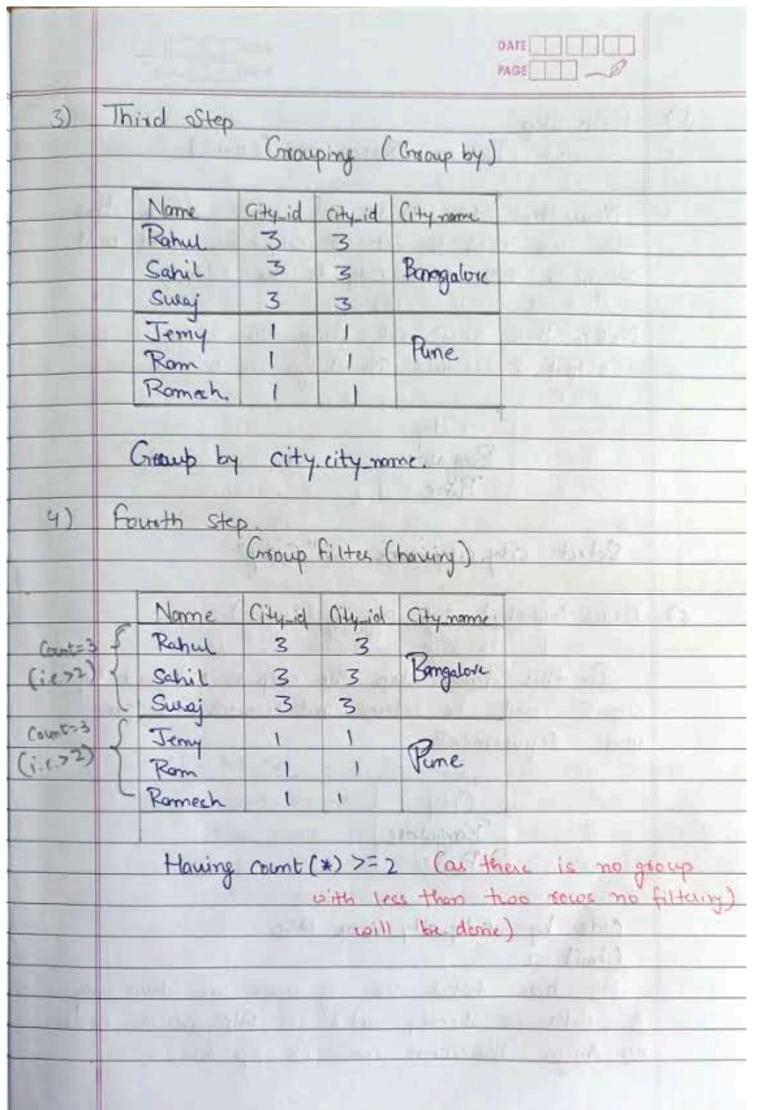
Complex or even sometimes Simples Sal quis with order of execution of soul estatements Fliencicky of statements execution (netting data (from, Juin) Row Filter (where) Creaping (Group by) Croop filter (Hang) Return Expression (Sedect) Order & Paging (Order by/limit /offset) The order of execution will be from top to bottom. Now well stake one guery to understand The execution and few other cases that will give you am idea of why your query is not working

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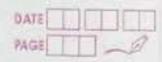
	CIT	IZEM	CITY			
		City-id		City-id	City num	
	Rahul	17.		1	Pine	
1,19	Raj		in the season	2	Delhi	
	Jemy				Benjaluen	
	Sahil	3		V 10 00	0	
No. of Lot	-	E	- august	I I I I I	Late da	
	Ankita					
2011	Suraj	3	n ad	land stille		
	Romesh					
	TOWN TOWN		The same of			
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toth to two Delhi alpha	tis osay show the	you are city make to	omes who	with a war more pt they	tsak thom city	
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Le two Delhi alpha Selec Arom imperson when	tic city. citizen. citizen. ci	you creatly make to	given given grades wh grades city city 1 = 1 Delhi	ween the work of they your ste	tsak thom city	

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1)	First	step	A Third	L WU	Will appelled to					
	First step getting data (From Join)									
	The Chair I Sain S									
	Firstly it will check the from & join column									
	and will form the base table									
	Citizen City									
	1	Name C	ity id	city id	City manage					
		Rohul Raj	3	3	Bengaliun					
	-	Raj	2	2	Dehi					
	Laure I	Jemy	1	400	Truca					
	1	Sahil	3	3	Benealusu					
	Limi	Ram		L. J. L. V	Pine					
		Ankita	2	2	Delhi					
	1		3	3	Bengalusu					
		Romesh	4	L	Pune.					
		- 16" 1197	BU . P	at a section	I FIRE TO THE					
4	-	from citizen	imes	join city	True L					
		on citizen.	city_id =	city city	id					
		0								
2)	Second	Letep.	The state of	la dia	ATL AND	Mar.				
	201		filteria	y (where)	Manual Property Comments					
	Row filtering (where)									
	I Wally	Nome	city id	cityid	city name	1				
		Rahul	3	3	Bangalore					
		Jemy	1	1	Pyme	EL				
		Sahil	3	3	Bangalose					
		Rom	1	1	Pune					
Mari		Surcej	3	3	Bongalore					
		Ramesh	1	1	Pyne					
	-	N. C.								

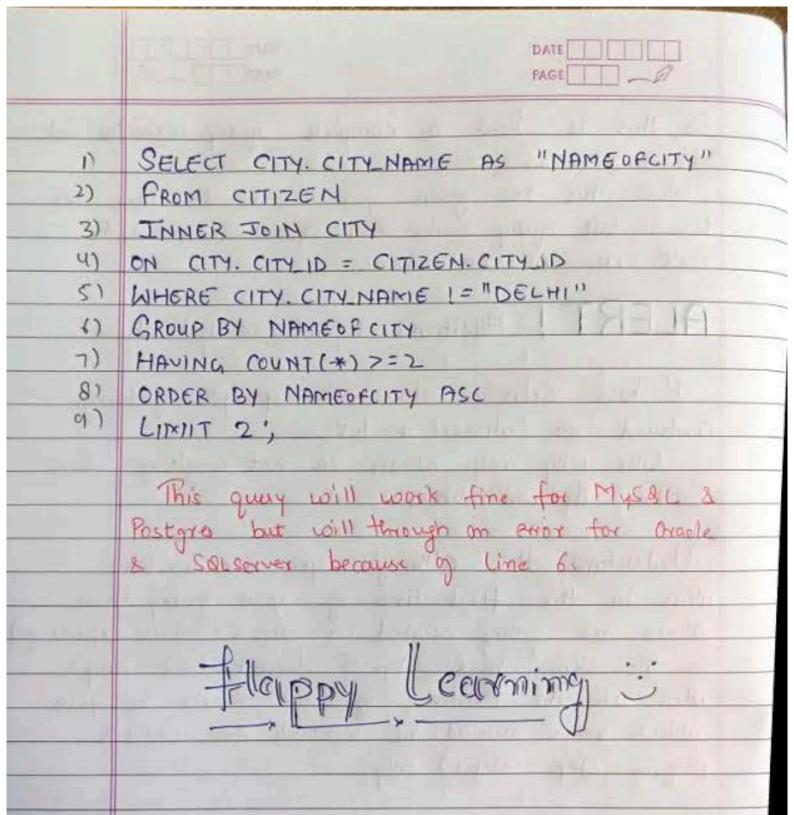




	DATE TO THE PAGE T
2)	Fifth Step Return Expression (select)
	Now the table built till step 4 from that table we need to extract city name and will assign a new name city to the column.
	Note !- This alias will change the name in your output table ! view. No change in original table
	Bangalore Pune
	Select city. city. mome as "City"
6)	Order (orderby) and pagging (limit)
	In this find step the output obtained by step 5 will be ordered and limited as per
	your sequirements
	City Bangaloic Pune
	Order by city-city-name Asc Limit 2
	As here total no. of rows one two only 8 data is already sorted in Alphabatical order no change has been made in step 6.



PAGE	
So, this is those a complete query executes at	
those this has given you a broader idea on those soul query works and you'll be ready to	
TOCK IM SOIL MOST time	
ALERT! Additional Gym (knowledge) ahead!	
Thave shern into Intermediate mainly to all the	
Confused on aliases a lot.	
I have defined them	
Understand this atthough you are writting	16
alias in the first line of your query there	1
alian in the first line of your query there alians are getting created in Step 5 (Peturn expression so the steps above step 5 doesn't have my idea of the existence of these alians so your	1]
aliance mame would be available for order &	
Pagging Step (Step &) only.	
Note: Mysal and Postgrese got the smoot	
use alias name in Group by & Having clause	j
also but for salserver & Oracle its still the same and alias name will be	
quailable for order by only.	
Or group by clouses & its throwing on error this might be the reason.	
this might be the reason.	



Mules Must of the same in the same