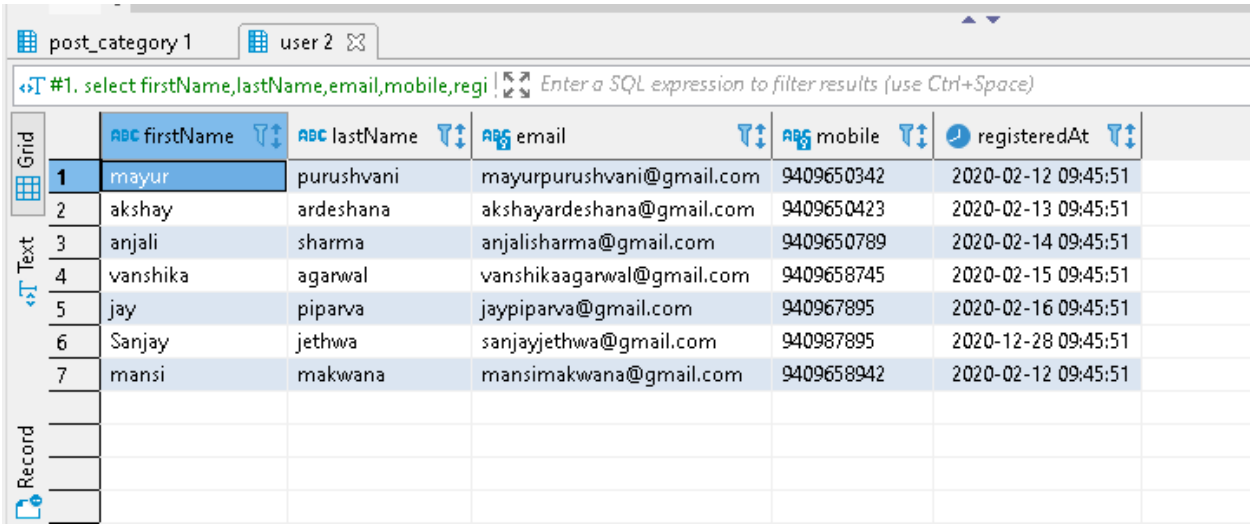
#Practice Excercise...!

#1.
select firstName,lastName,email,mobile,registeredAt from `user` ;



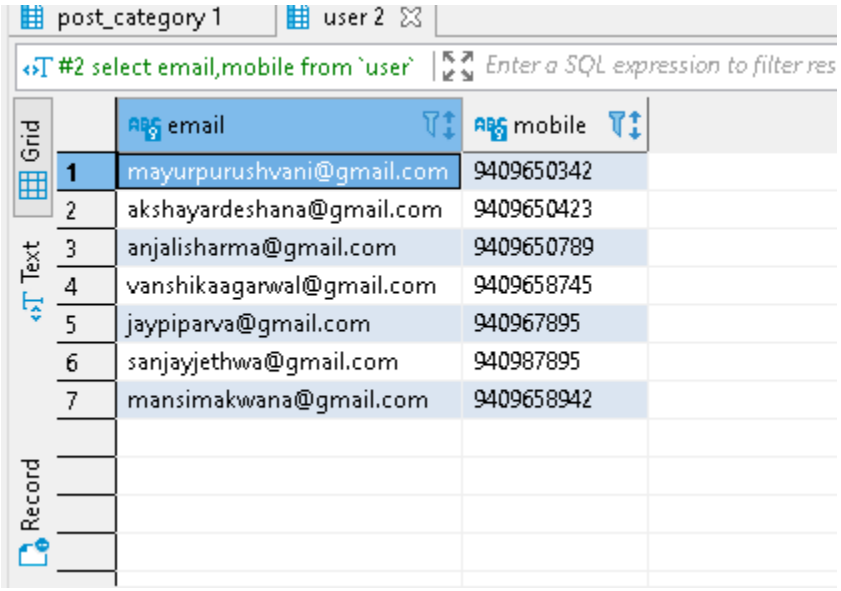
post_category 1 | user 2

#1. select firstName,lastName,email,mobile,regi | Enter a SQL expression to filter results (use Ctrl+Space)

Grid | Text | Record

	firstName	lastName	email	mobile	registeredAt
1	mayur	purushvani	mayurpurushvani@gmail.com	9409650342	2020-02-12 09:45:51
2	akshay	ardeshana	akshayardeshana@gmail.com	9409650423	2020-02-13 09:45:51
3	anjali	sharma	anjalisharma@gmail.com	9409650789	2020-02-14 09:45:51
4	vanshika	agarwal	vanshikaagarwal@gmail.com	9409658745	2020-02-15 09:45:51
5	jay	piparva	jaypiparva@gmail.com	940967895	2020-02-16 09:45:51
6	Sanjay	jethwa	sanjayjethwa@gmail.com	940987895	2020-12-28 09:45:51
7	mansi	makwana	mansimakwana@gmail.com	9409658942	2020-02-12 09:45:51

#2
select email,mobile from `user` ;



post_category 1 | user 2

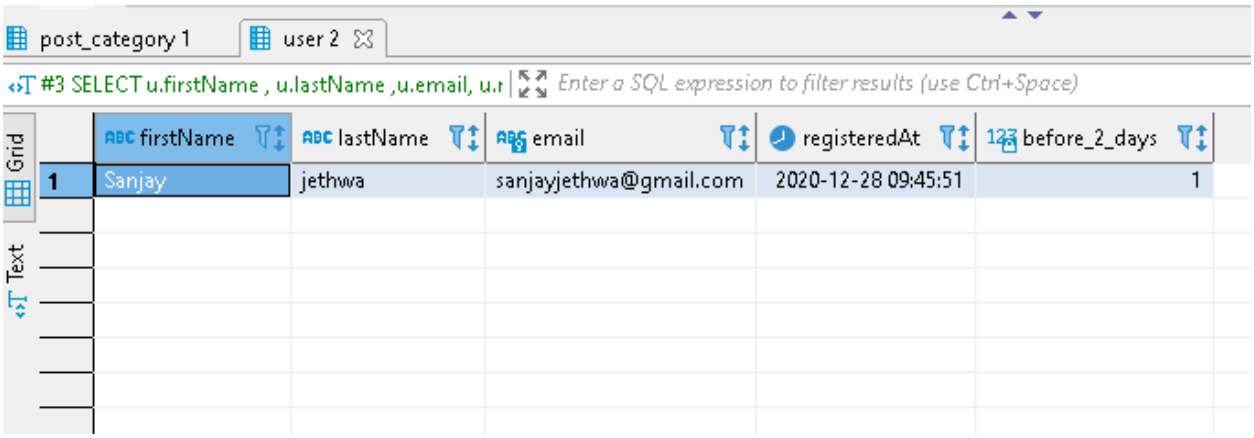
#2 select email,mobile from `user` | Enter a SQL expression to filter res

Grid | Text | Record

	email	mobile
1	mayurpurushvani@gmail.com	9409650342
2	akshayardeshana@gmail.com	9409650423
3	anjalisharma@gmail.com	9409650789
4	vanshikaagarwal@gmail.com	9409658745
5	jaypiparva@gmail.com	940967895
6	sanjayjethwa@gmail.com	940987895
7	mansimakwana@gmail.com	9409658942

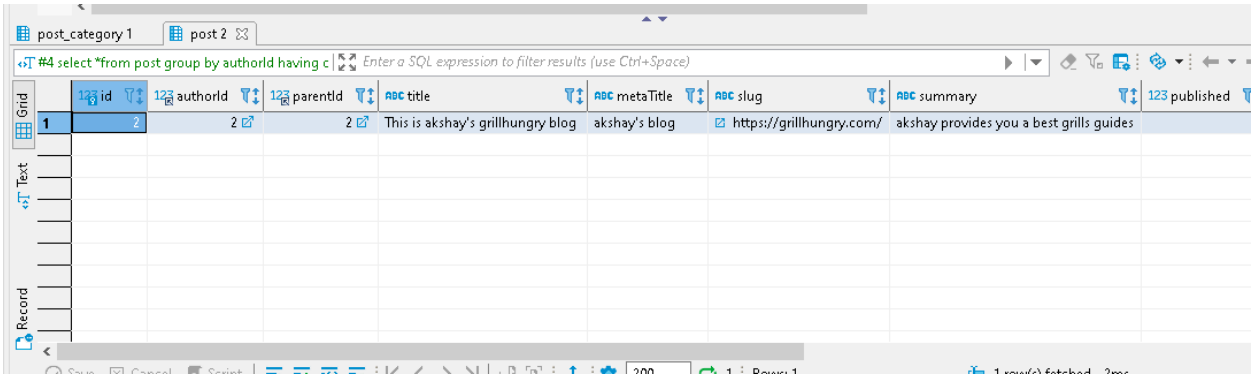
#3

SELECT u.firstName , u.lastName ,u.email, u.registeredAt , COUNT(*) AS before_2_days FROM user u WHERE u.registeredAt >= DATE_SUB(NOW(),INTERVAL 2 day);

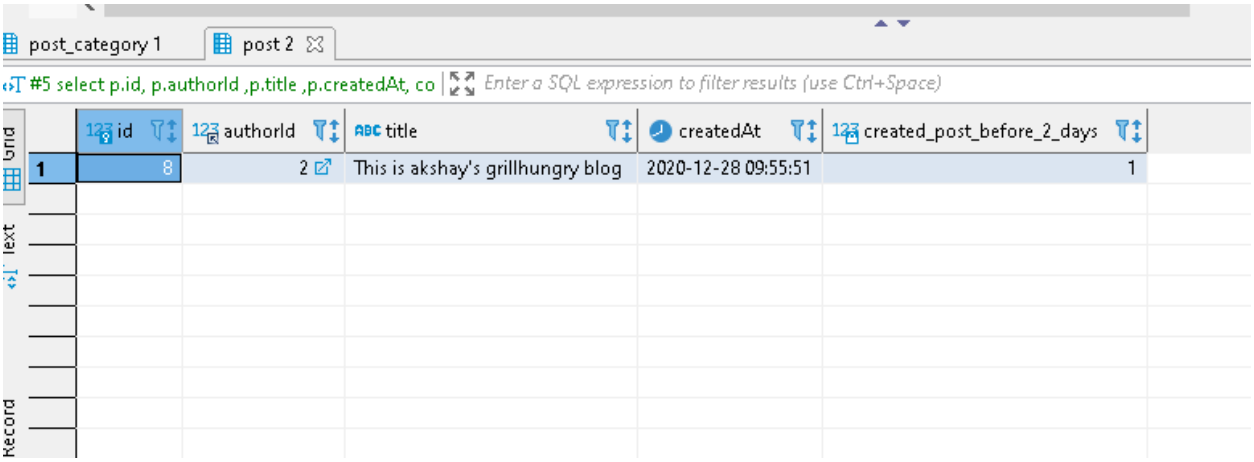


#4

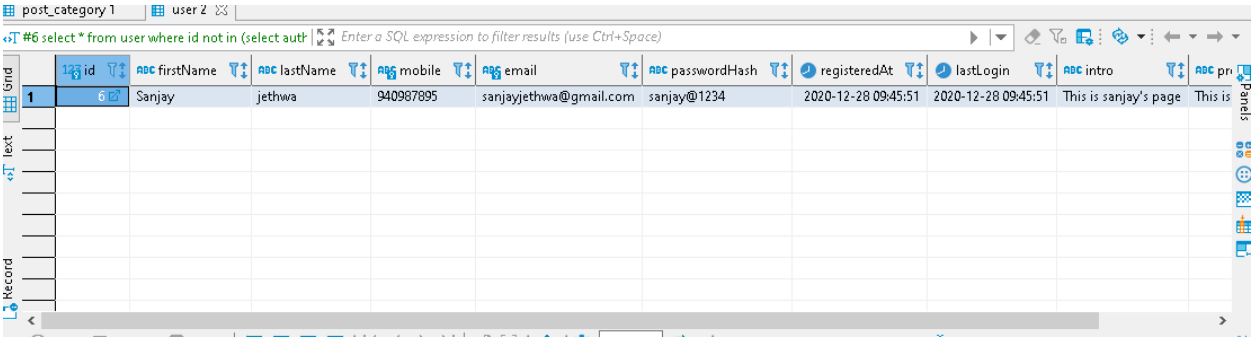
select *from post group by authorId having count(*) > 2;



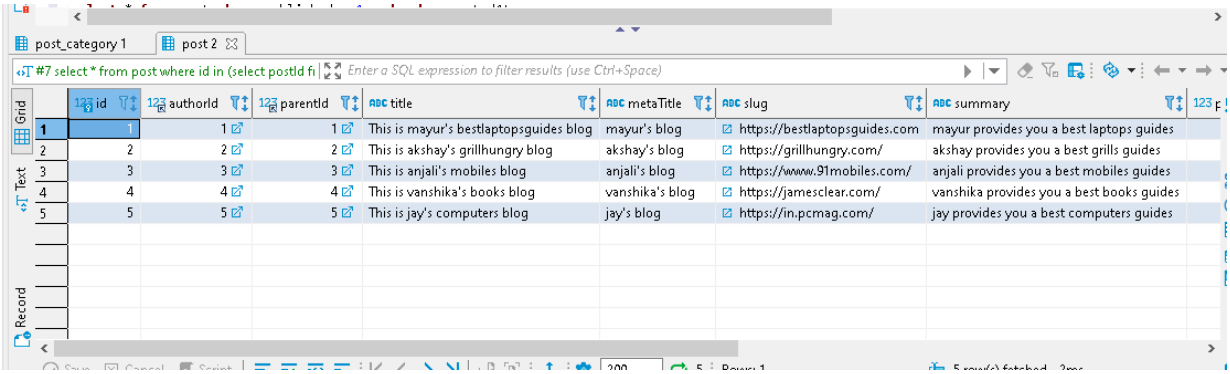
#5
select p.id, p.authorId ,p.title ,p.createdAt, count(*) as created_post_before_2_days from post p where p.createdAt >=date_sub(NOW(),interval 2 day);



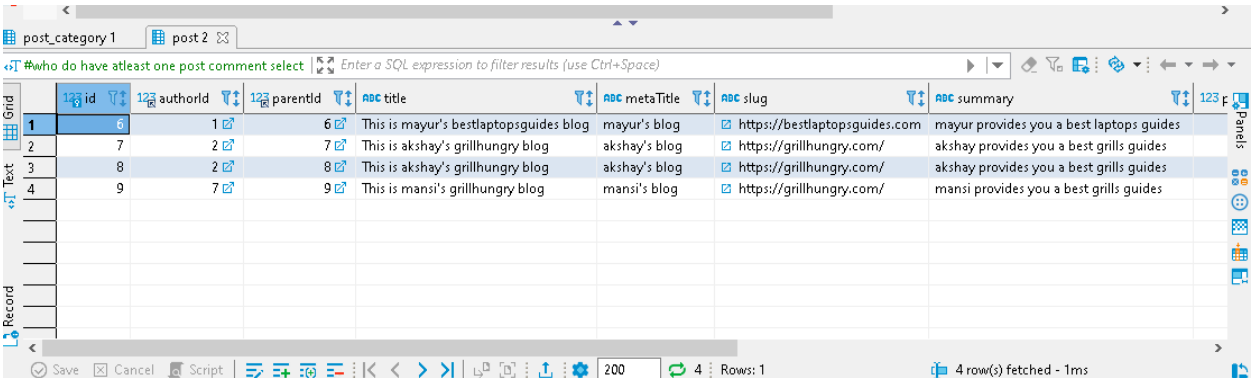
#6
select * from user where id not in (select authorId from post);



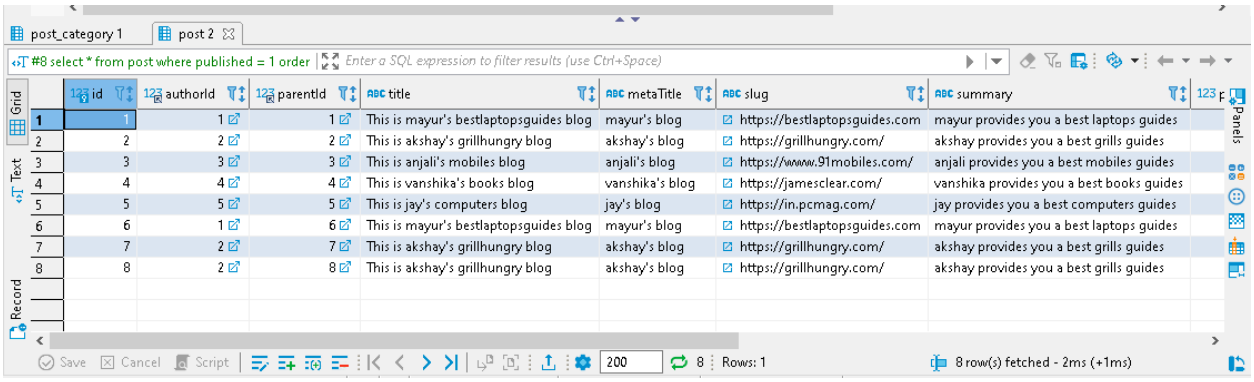
#7
select * from post where id in (select postId from post_comment); #who do have atleast one post comment



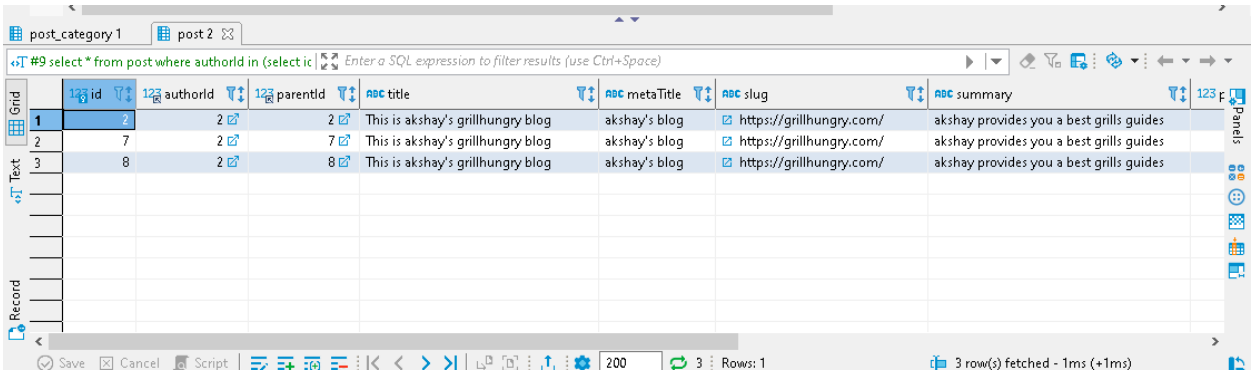
select * from post where id not in (select postId from post_comment); #Who do not have any post comments



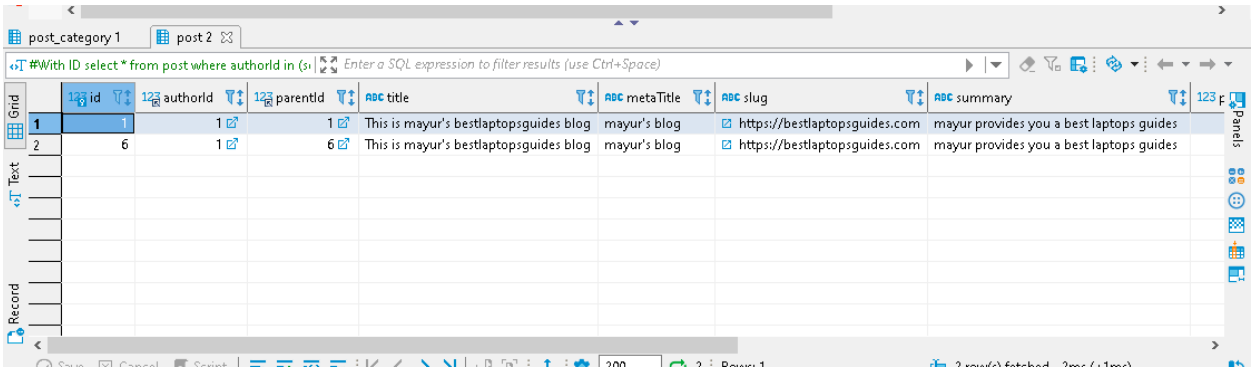
#8
select * from post where published = 1 order by createdAt;



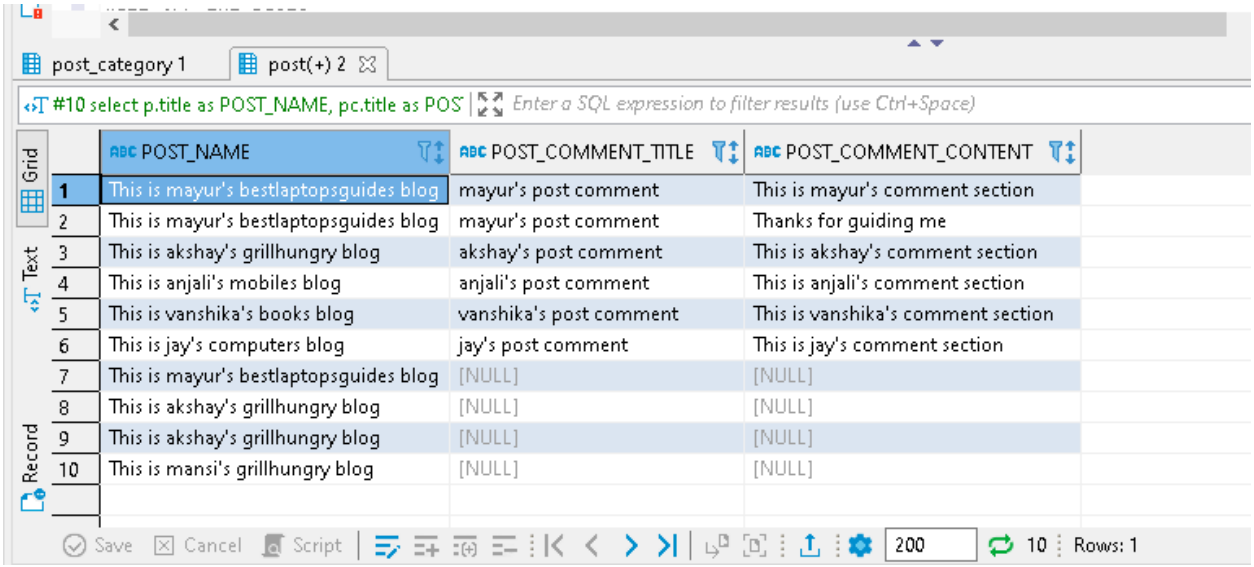
#9
select * from post where authorId in (select id from user where id=2); #With ID



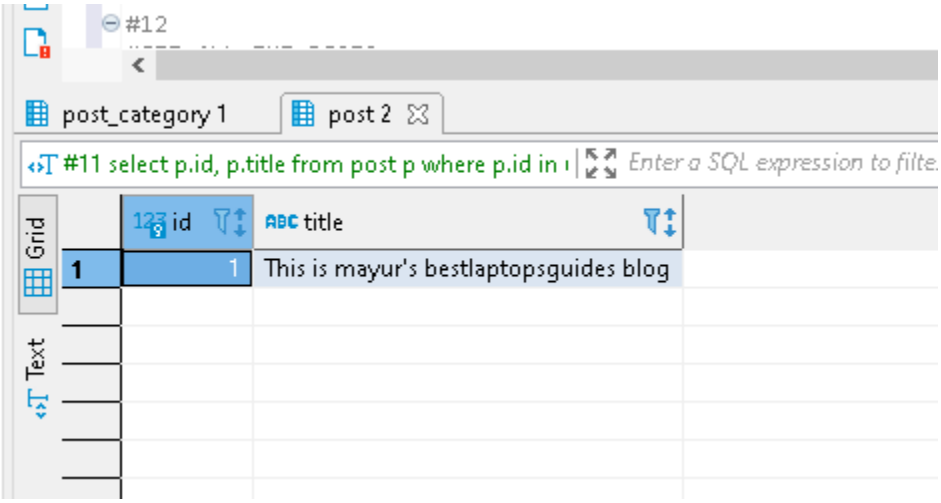
select * from post where authorId in (select id from user where email="mayurpurushvani@gmail.com"); #With Email



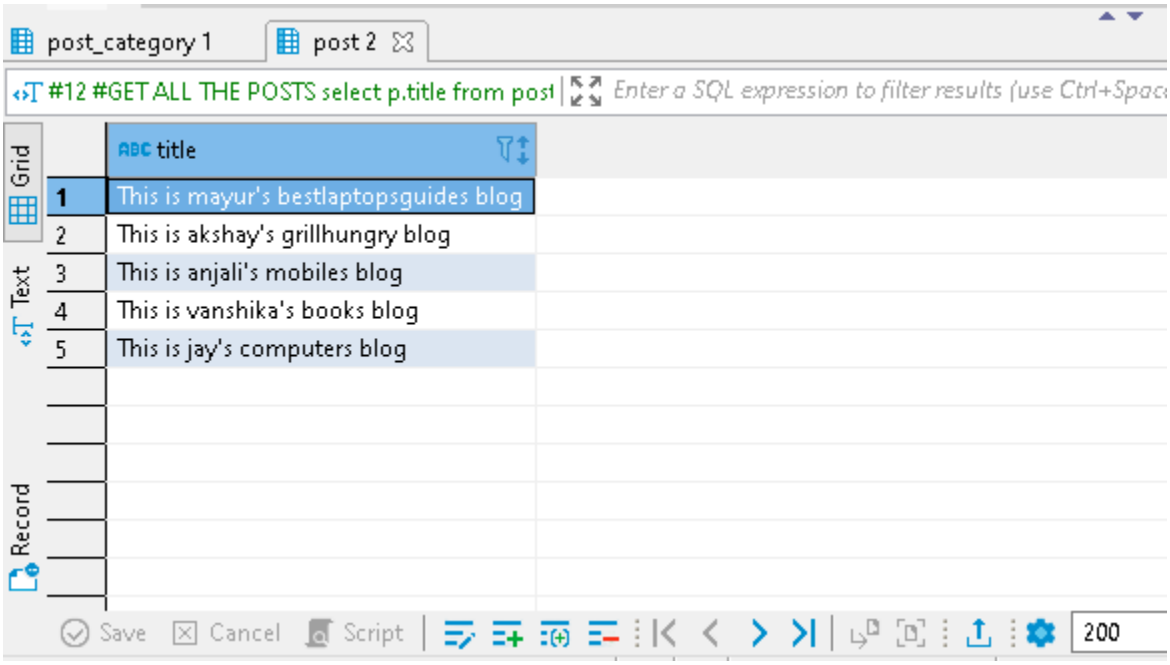
#10
select p.title as POST_NAME, pc.title as POST_COMMENT_TITLE, pc.content as POST_COMMENT_CONTENT from post p left join post_comment pc on p.id =pc.postId ;



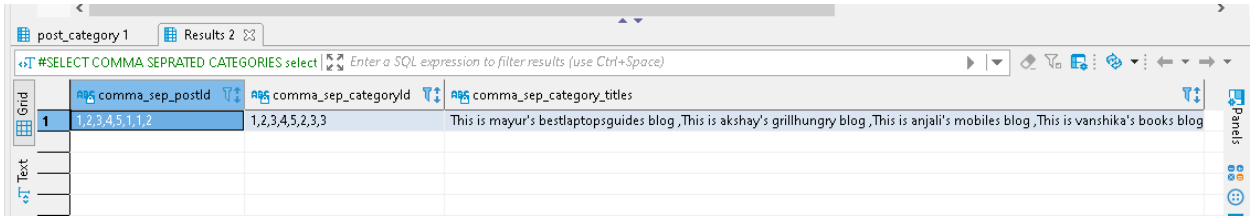
#11
select p.id, p.title from post p where p.id in (select pc.postId from post_comment pc where pc.postId having count(*) > 1);



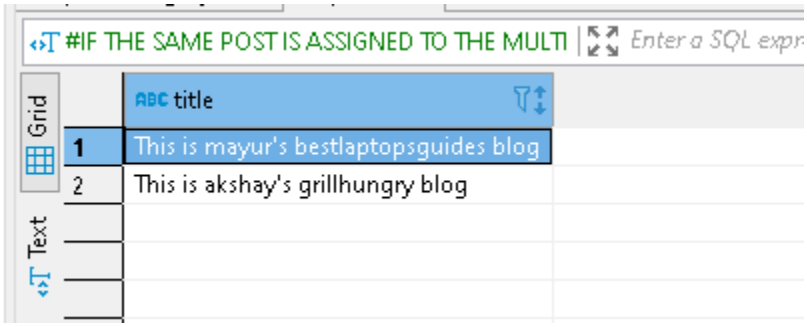
#12
#GET ALL THE POSTS
select p.title from post p where id in (select pc.postId from post_category pc left join category c2 on pc.postId=c2.id);



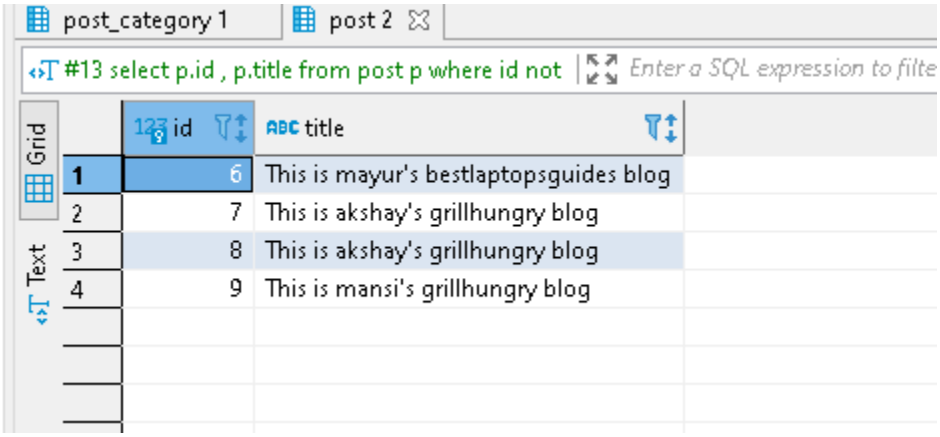
#SELECT COMMA SEPRATED CATEGORIES
select GROUP_CONCAT(pc.postId) as comma_sep_postId, GROUP_CONCAT(pc.categoryId) as comma_sep_categoryId , group_concat(c.title) as comma_sep_category_titles from post_category pc left join category c on c.id = pc.categoryId ;



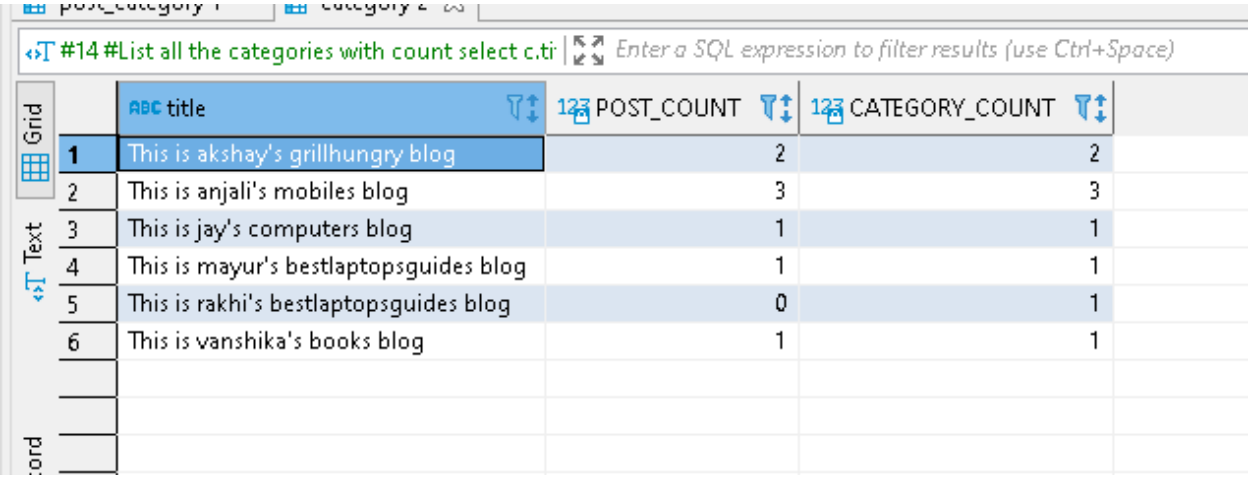
#IF THE SAME POST IS ASSIGNED TO THE MULTIPLE CATEGORIES
select p.title from post p where id in (select postId from post_category group by postId having count(*) > 1);



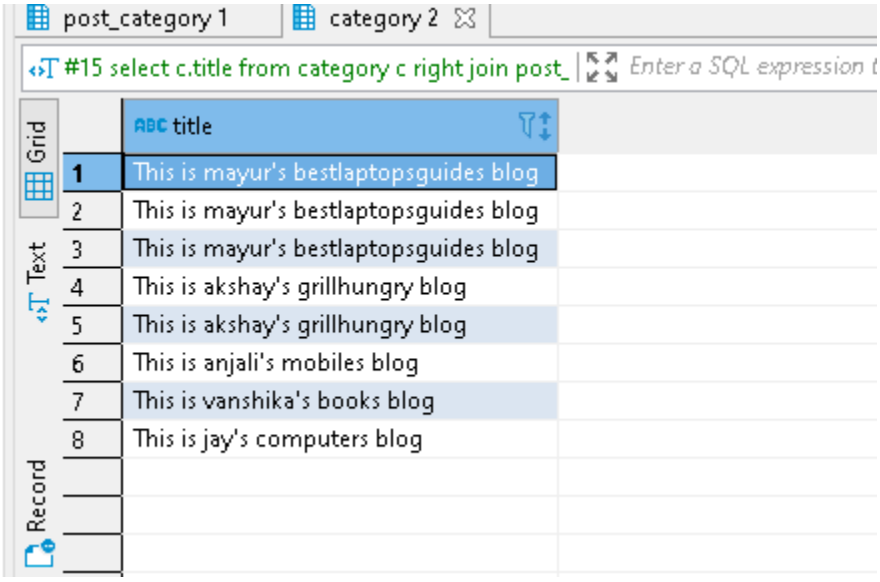
#13
select p.id , p.title from post p where id not in (select postId from post_category);



#14
#List all the categories with count
select c.title,count(pc.postId)as POST_COUNT, count(c.id)as CATEGORY_COUNT from category c left join post_category pc on pc.categoryId = c.id group by c.title having count(*) > 0 ;

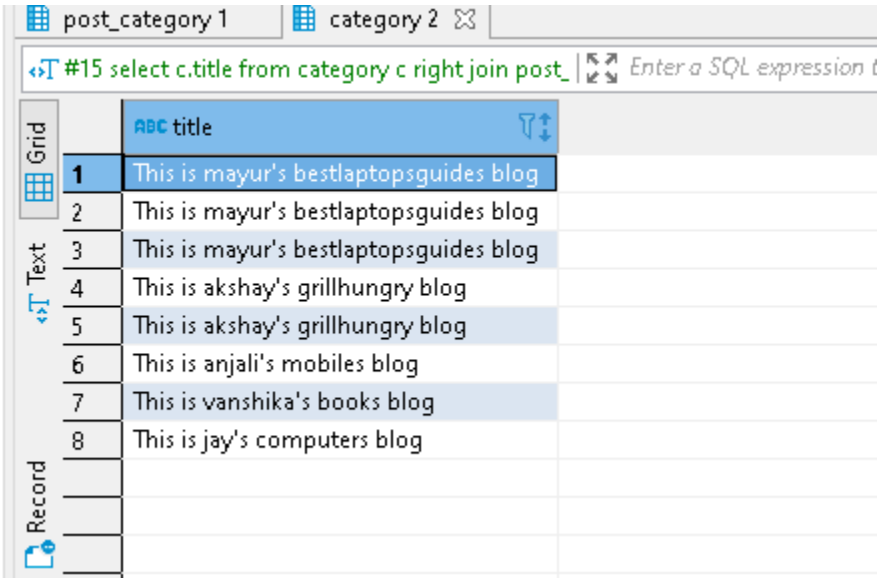


#List all the total category and post counts (Only category and post count needs to be listed...)
select count(c.id) as CATEGORY_COUNT,count(pc.postId)as POST_COUNT from category c left join post_category pc on pc.categoryId = c.id ;



#15

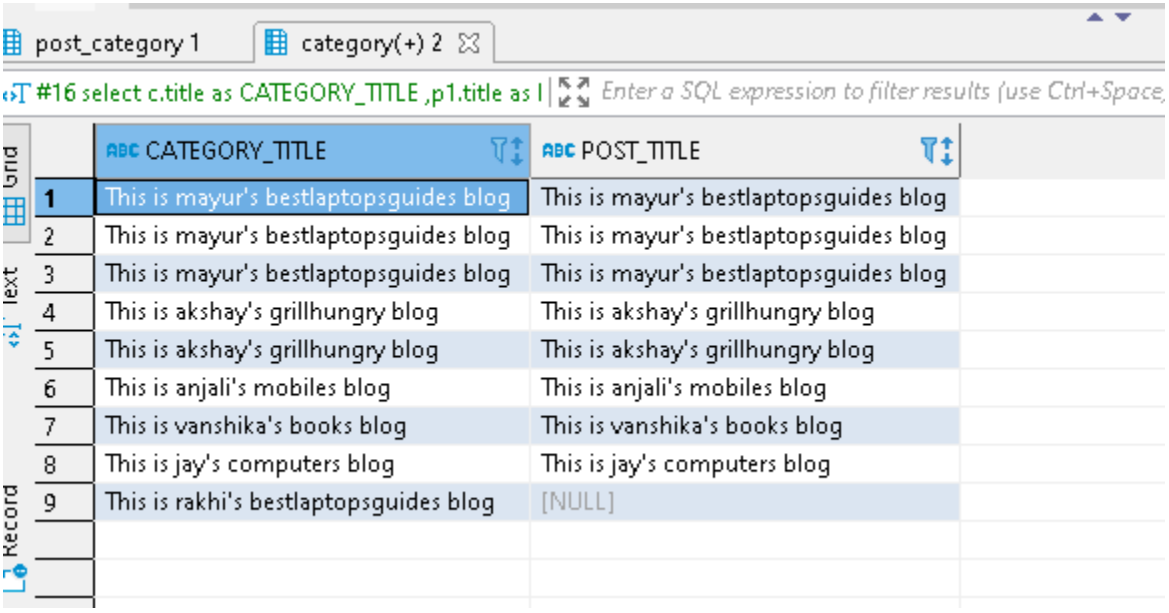
select c.title from category c right join post_category pc on pc.postId = c.id ;



	title
1	This is mayur's bestlaptopsguides blog
2	This is mayur's bestlaptopsguides blog
3	This is mayur's bestlaptopsguides blog
4	This is akshay's grillhungry blog
5	This is akshay's grillhungry blog
6	This is anjali's mobiles blog
7	This is vanshika's books blog
8	This is jay's computers blog

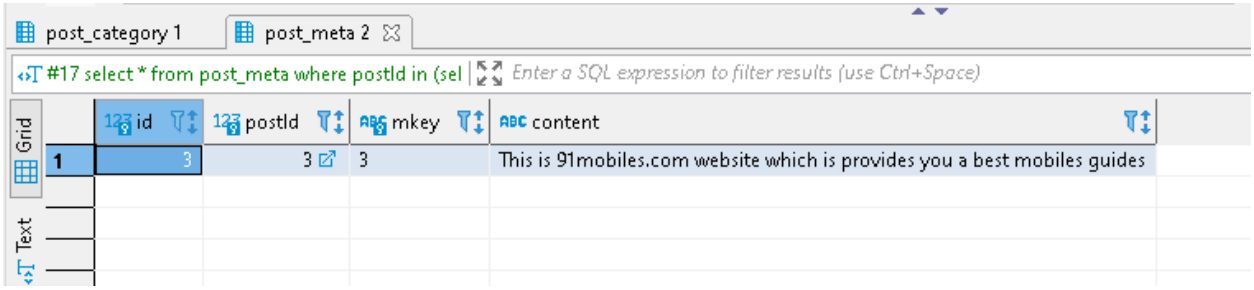
#16

select c.title as CATEGORY_TITLE ,p1.title as POST_TITLE from category c left join post_category p on p.postId = c.id left join post p1 on p1.id = p.postId ;



	CATEGORY_TITLE	POST_TITLE
1	This is mayur's bestlaptopsguides blog	This is mayur's bestlaptopsguides blog
2	This is mayur's bestlaptopsguides blog	This is mayur's bestlaptopsguides blog
3	This is mayur's bestlaptopsguides blog	This is mayur's bestlaptopsguides blog
4	This is akshay's grillhungry blog	This is akshay's grillhungry blog
5	This is akshay's grillhungry blog	This is akshay's grillhungry blog
6	This is anjali's mobiles blog	This is anjali's mobiles blog
7	This is vanshika's books blog	This is vanshika's books blog
8	This is jay's computers blog	This is jay's computers blog
9	This is rakhi's bestlaptopsguides blog	[NULL]

#17
select * from post_meta where postId in (select id from post where postId = 3);



#18
select firstName from user where id in (select id from post where id in (select postId from post_meta where mkey is not null));
select postId from post_meta where mkey = null