

SQL DATA OUTPUT

By Jasika Gupta

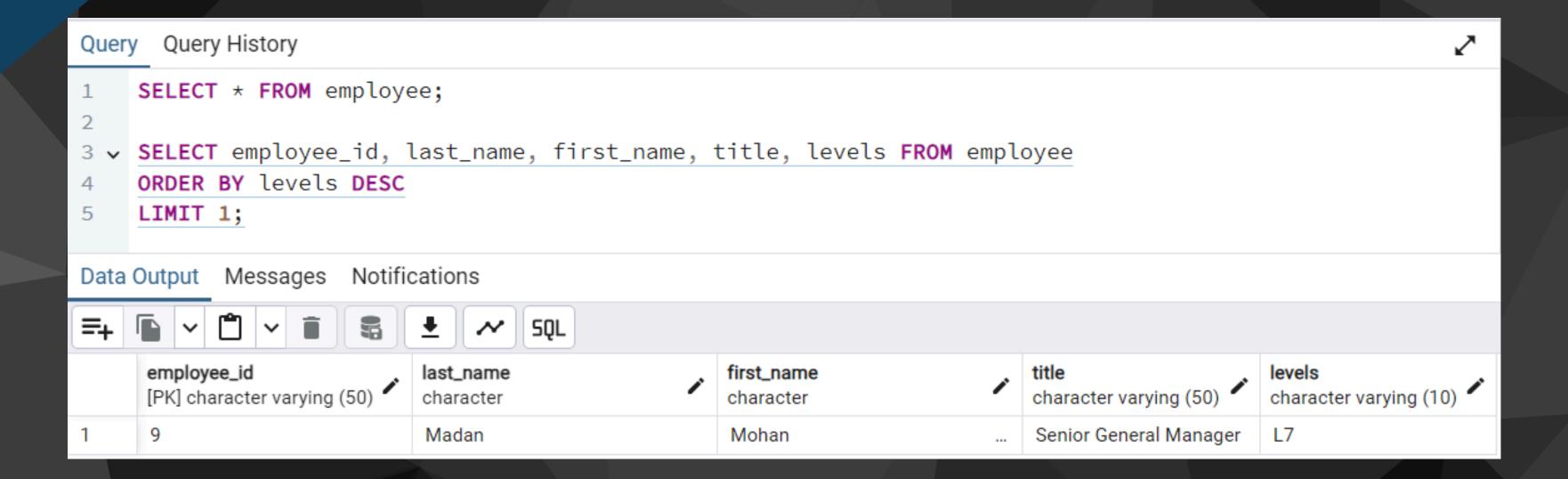






jasikagupta04@gmail.com

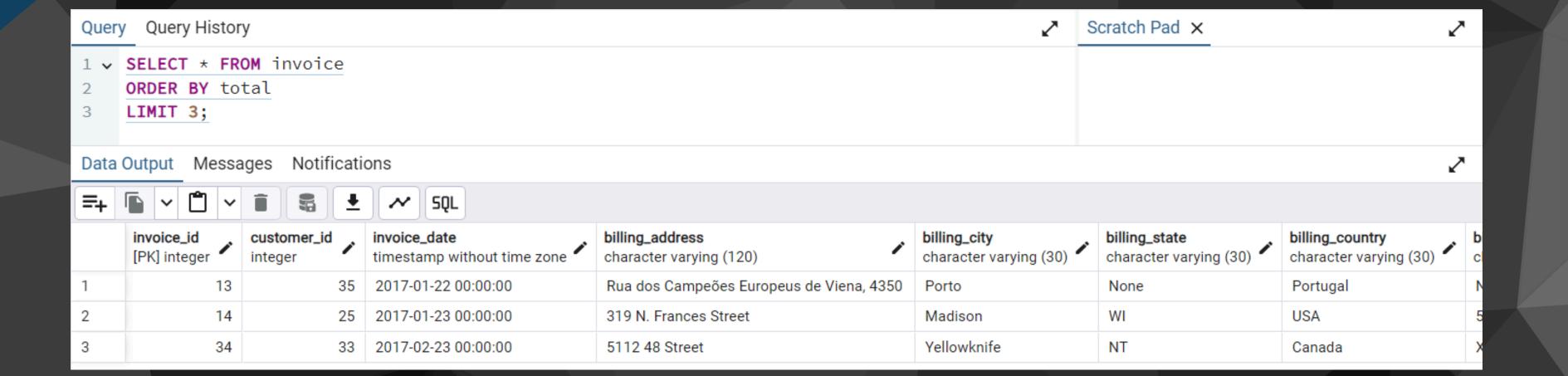
Question 1: Who is the senior most employee based on job title?



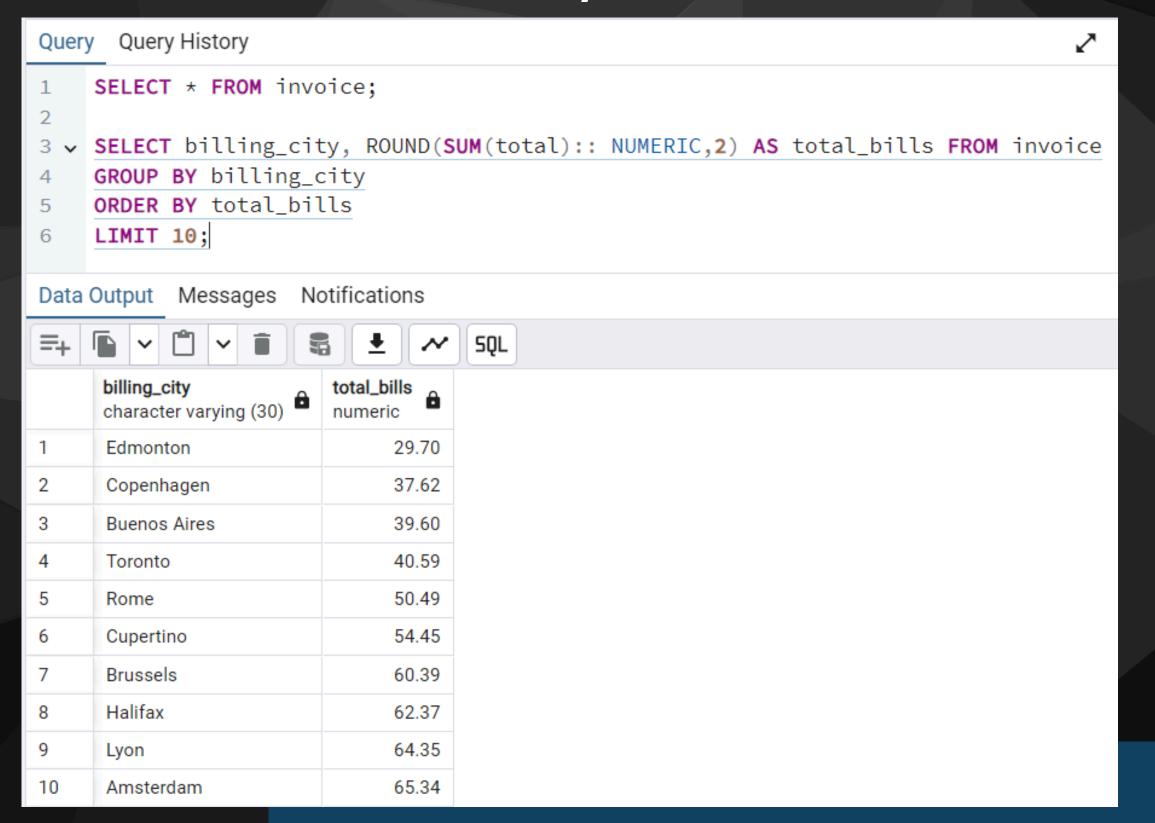
Question 2: Which countries have the most Invoices?

```
SELECT * FROM invoice;
3 ∨ SELECT COUNT(*) as total_bills, ROUND(SUM(total):: NUMERIC,2), billing_country FROM invoice
    GROUP BY billing_country
    ORDER BY total_bills DESC
    LIMIT 5;
Data Output Messages Notifications
     total_bills
                           billing_country
                round
                numeric 🔓
                           character varying (30)
     bigint
                   1040.49
                          USA
1
            131
2
                    535.59
                           Canada
             76
                           Brazil
3
                    427.68
             61
                    389.07
                           France
4
             50
                    334.62
                           Germany
```

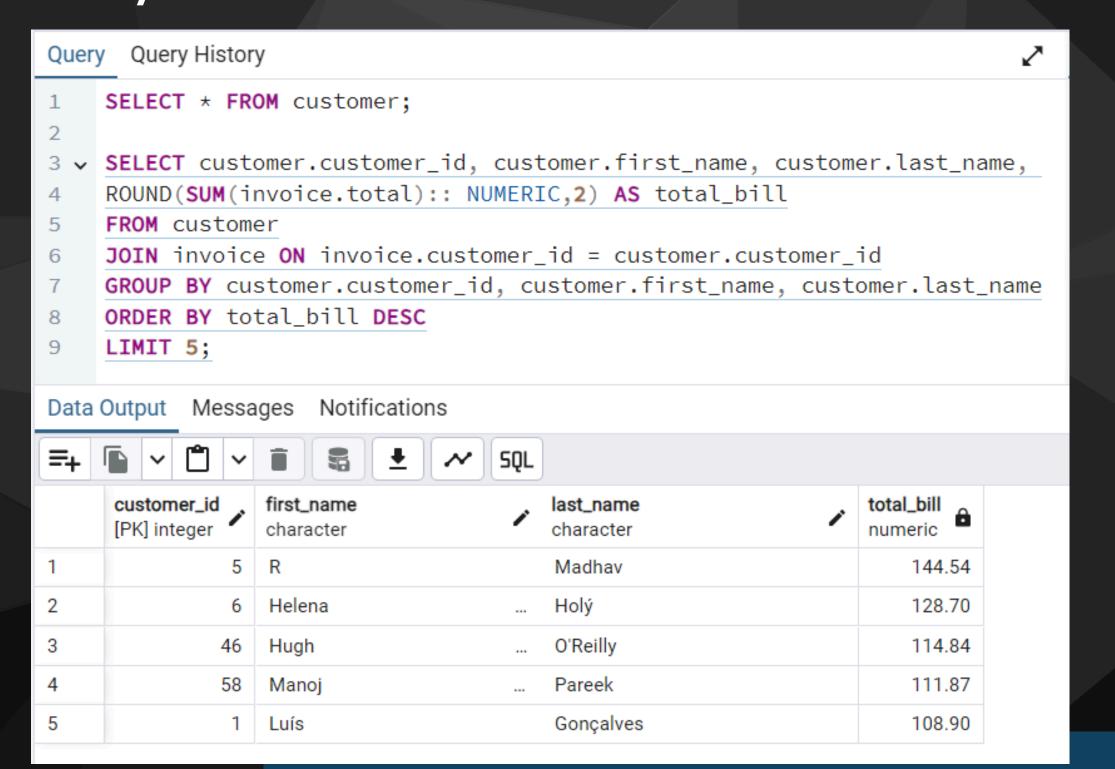
Question 3: What are top 3 values of total invoice?



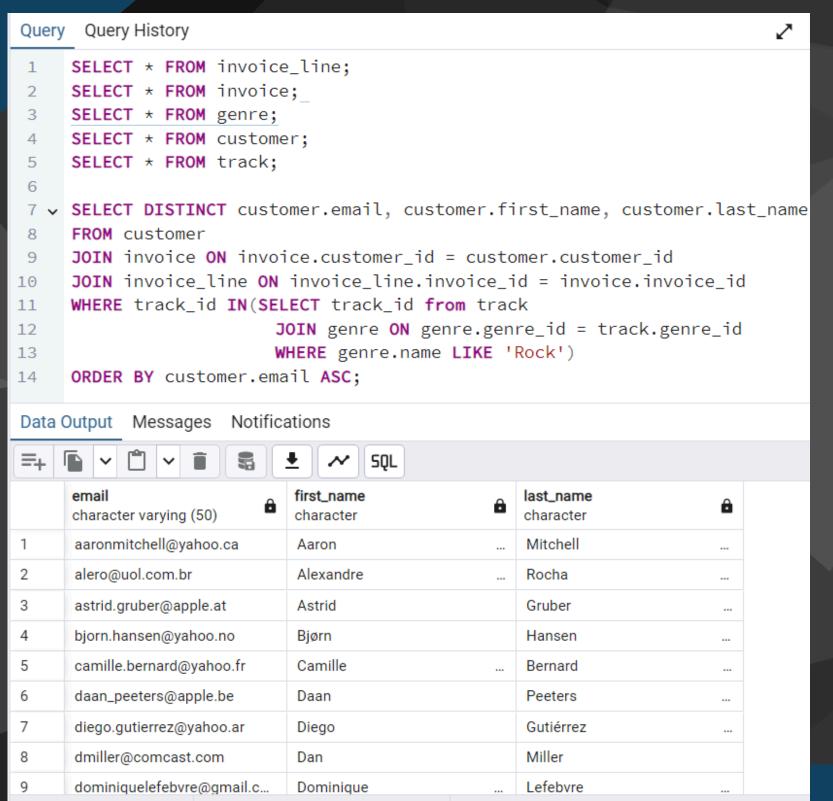
Question 4: Which city has the best customers? We would like to throw a promotional Music Festival in the city we made the most money. Write a query that returns one city that has the highest sum of invoice totals. Return both the city name & sum of all invoice totals.



Question 5: Who is the best customer? The customer who has spent the most money will be declared the best customer. Write a query that returns the person who has spent the most money.



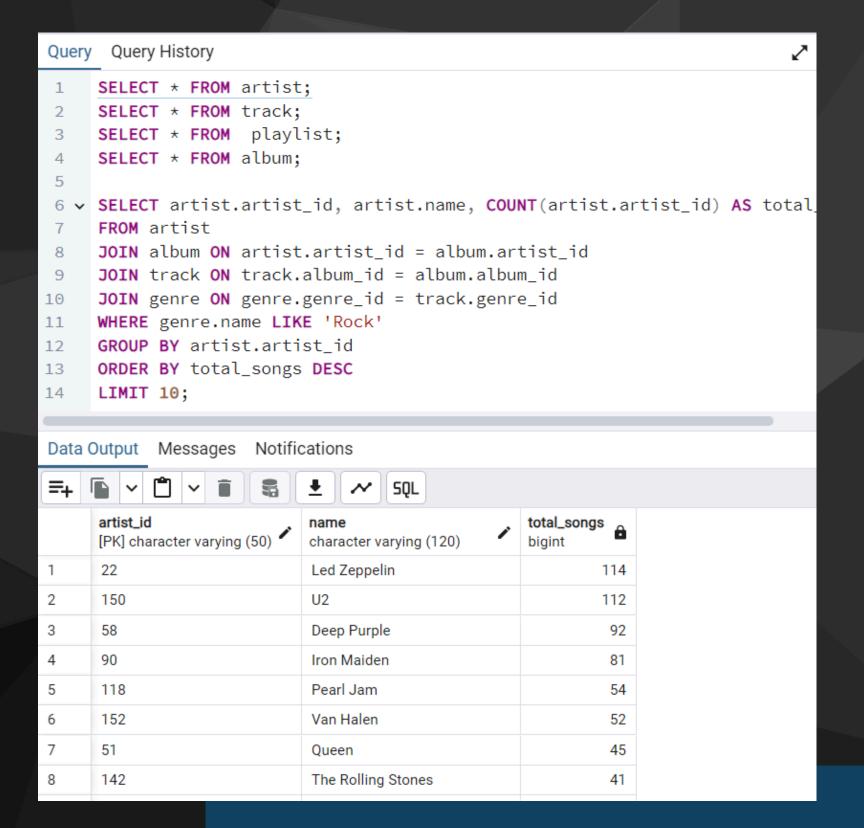
Question 6: Write query to return the email, first name, last name, & Genre of all Rock Music listeners. Return your list ordered alphabetically by email starting with A.



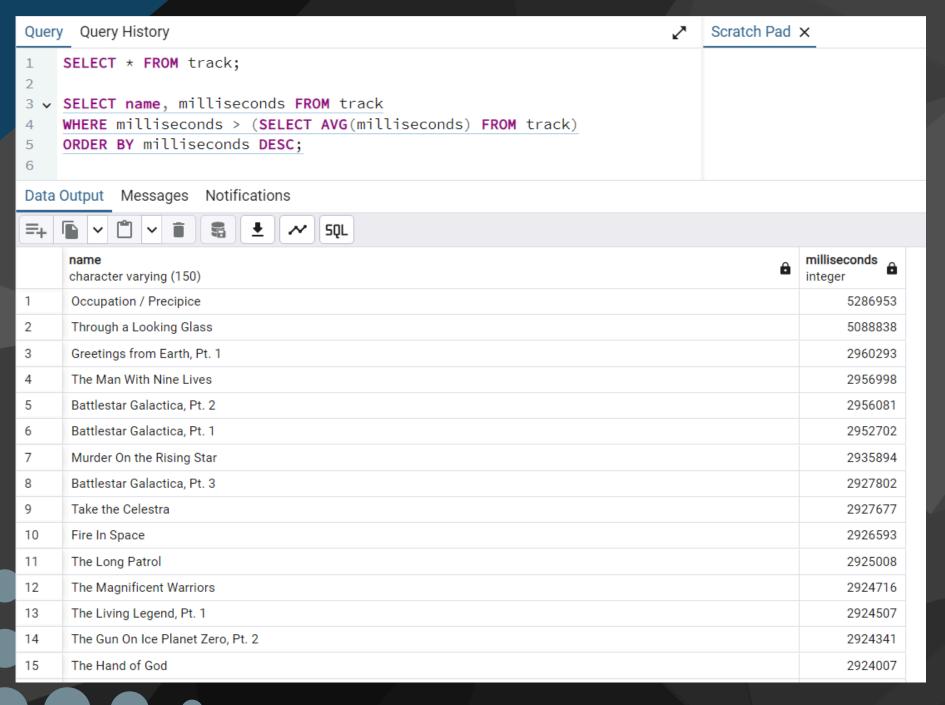
Query Query History				
<pre>SELECT * FROM invoice_line; SELECT * FROM invoice; SELECT * FROM genre; SELECT * FROM customer; SELECT * FROM track; **SELECT * FROM track; **SELECT * FROM track; **SELECT DISTINCT customer.email, customer.first_name, customer.last_name FROM customer JOIN invoice ON invoice.customer_id = customer.customer_id JOIN invoice_line ON invoice_line.invoice_id = invoice.invoice_id JOIN track ON track.track_id = invoice_line.track_id JOIN genre ON genre.genre_id = track.genre_id WHERE genre.name LIKE 'Rock'</pre>				
14	ORDER BY customer.email ASC;			
Data Output Messages Notifications				
=+ • v • sqL				
	email character varying (50)	first_name character	last_name character	
1	aaronmitchell@yahoo.ca	Aaron	Mitchell	
2	alero@uol.com.br	Alexandre	Rocha	
3	astrid.gruber@apple.at	Astrid	Gruber	
4	bjorn.hansen@yahoo.no	Bjørn	Hansen	
5	camille.bernard@yahoo.fr	Camille	Bernard	
6	daan_peeters@apple.be	Daan	Peeters	
7	diego.gutierrez@yahoo.ar	Diego	Gutiérrez	
8	dmiller@comcast.com	Dan	Miller	
9	dominiquelefebvre@gmail.c	Dominique	Lefebvre	

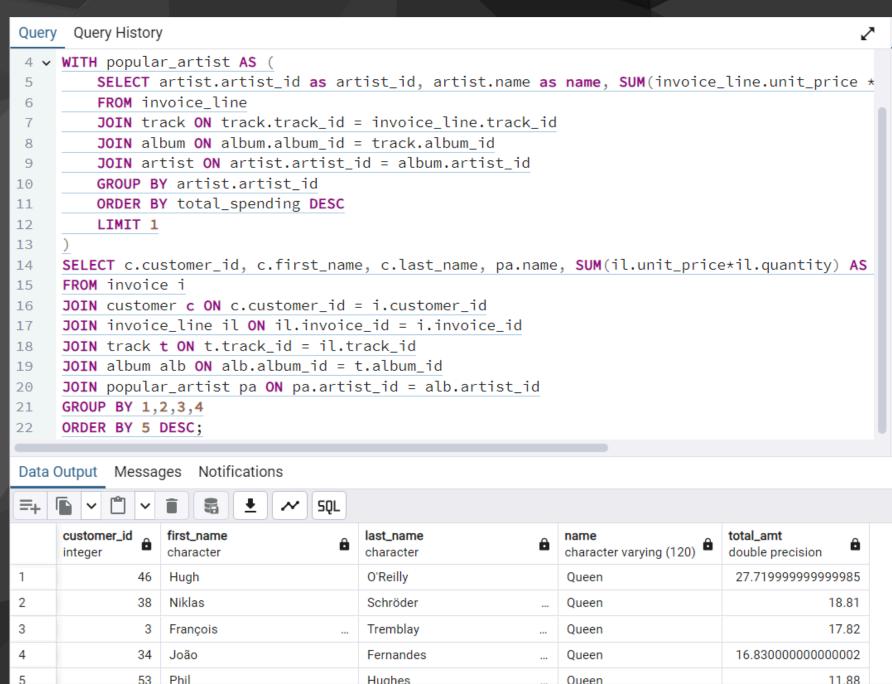
Question 7: Let's invite the artists who have written the most rock music in our dataset. Write a query that returns the Artist name and total track count of the top 10

rock bands.

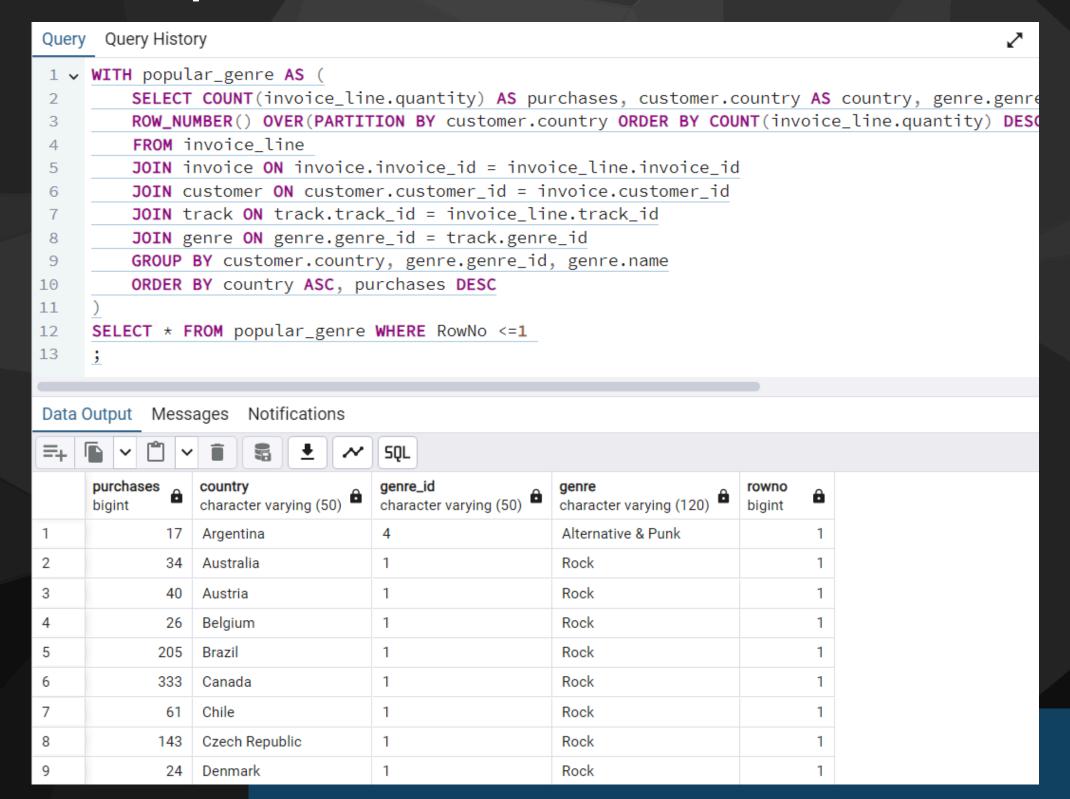


Question 8: Return all the track names that have a song length longer than the average song length. Return the Name and Milliseconds for each track. Order by the song length with the longest songs listed first.

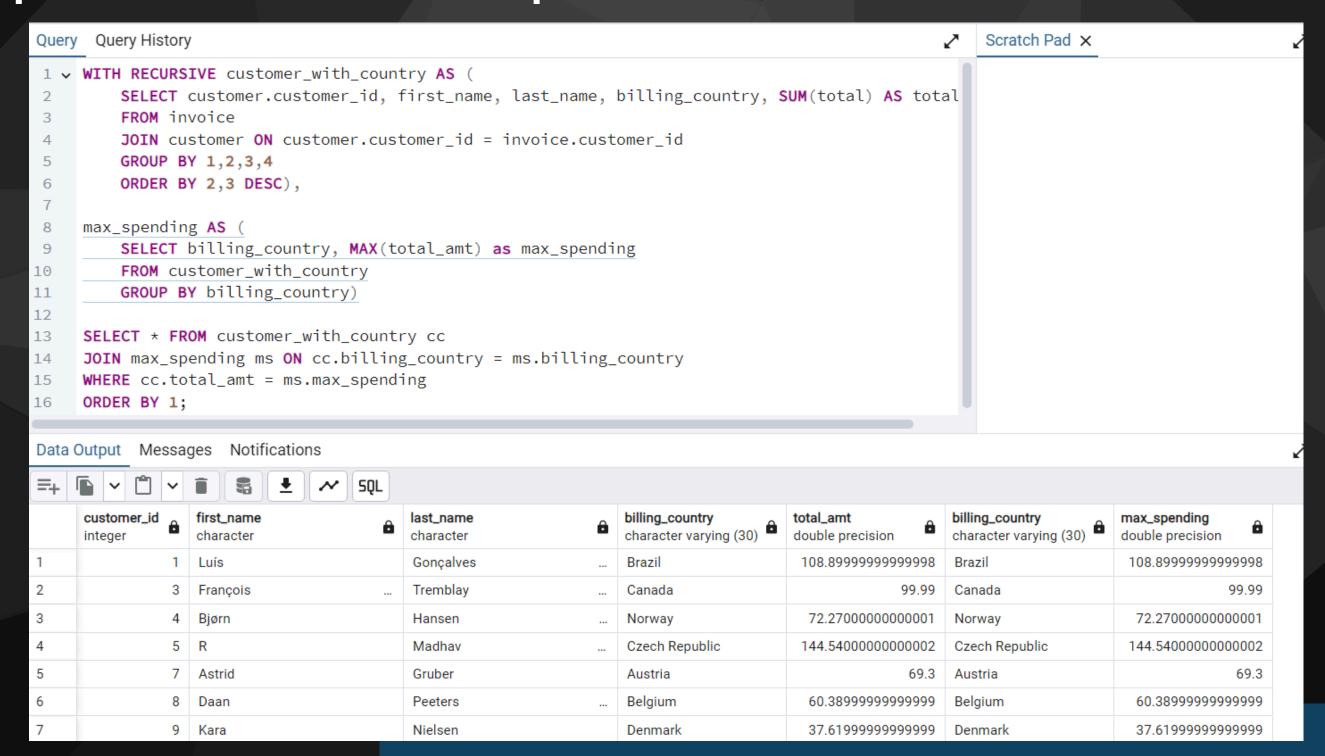




Question 9: We want to find out the most popular music Genre for each country. We determine the most popular genre as the genre with the highest amount of purchases. Write a query that returns each country along with the top Genre. For countries where the maximum number of purchases is shared return all Genres.



Question 10: Write a query that determines the customer that has spent the most on music for each country. Write a query that returns the country along with the top customer and how much they spent. For countries where the top amount spent is shared, provide all customers who spent this amount.



THANK YOU