-- Q1 Who is the senior most employee based on jobs title?--

SELECT \* FROM employee

ORDER BY levels DESC

LIMIT 1

-- Q2 Which countries have the most invoices ? --

SELECT COUNT(\*)as c, billing\_country

FROM invoice

GROUP BY billing\_country

ORDER BY c DESC

-- Q3 what are the top 3 values of total invoice? --

SELECT total FROM invoice

ORDER BY total desc

limit 3

--Q4 which city has the best customers? --

SELECT SUM(total) as invoice\_total, billing\_city

FROM invoice

GROUP BY billing\_city

ORDER BY invoice\_total DESC

-- Q5 who is the best customer ?--

SELECT customer.customer\_id, customer.first\_name, customer.last\_name, SUM(invoice.total) as total

FROM customer

JOIN invoice ON customer.customer\_id = invoice.customer\_id

GROUP BY customer.customer\_id

ORDER BY total DESC

LIMIT 1

-- advance level ----

-- Q6 write a query to return the email first name last name genre of --

-- the old rock music listener return your list order alphabetically by email is starting with a --

SELECT DISTINCT email,first\_name,last\_name

FROM customer

JOIN invoice ON customer.customer\_id = invoice.customer\_id

JOIN invoice\_line ON invoice.invoice\_id = invoice\_line.invoice\_id

WHERE track\_id IN(

SELECT track\_id FROM track

JOIN genre ON track.genre\_id = genre.genre\_id

WHERE genre.name LIKE 'ROCK'

)

ORDER BY email;