

Query

Query History

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Scratch Pad ×

1

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

2

Select * from employee

3

order by levels desc

4

limit 1

5

6

Data Output

Messages

Notifications

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SQL

Showing rows: 1 to 1

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	employee_id [PK] character varying (50) ✎	last_name character (50) ✎	first_name character (50) ✎	title character varying (50) ✎	reports_to character varying (30) ✎	levels character varying (10) ✎
1	9	Madan	...	Mohan	...	Senior General Manag...
						[null]
						L7

Query Query History

```
7
8 -- Q2: Which countries hava most invoices?
9 Select count(*) as Highest_invoice, billing_country
10 from invoice
11 group by billing_country
12 order by Highest_invoice desc
13 limit 1
14
15
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17
18
```

Data Output Messages Notifications



Showing rows: 1 to 1 

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	highest_invoice bigint	billing_country character varying (30)
1	131	USA

Query Query History

```
17
18  -- Q2: What are the Top 3 values of total invoice?
19  Select total from invoice
20  order by total desc
21  limit 3
22
23
24
25 |
26
27
28
```

Data Output Messages Notifications



	total double precision 
1	23.759999999999998
2	19.8
3	19.8

```
22
23  /* Q4: Which city has the best customers? We would like to throw a promotional Music Festival in the city
24     we made the most moeny. Write the query that returns one city that has the highest sum of invoices totals.
25     Return both the city name and sum of all invoices totals */
26
27     Select SUM(total) as invoice_total, billing_city
28     from invoice
29     group by billing_city
30     order by invoice_total desc
31
32
33
```

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	invoice_total double precision	billing_city character varying (30)
1	273.240000000000007	Prague
2	169.29	Mountain View
3	166.32	London
4	158.4	Berlin
5	151.47	Paris
6	129.69	São Paulo
7	114.839999999999997	Dublin

```
32
33  /* Q5: Who is the best customer? The customer who has spent the most money will
34     be declared the best customer. Write a query that returns the person who
35     has spent the most money. */
36
37  Select customer.customer_id, customer.first_name, customer.last_name, SUM(invoice.total) as total
38  from customer
39  join invoice on customer.customer_id = invoice.customer_id
40  group by customer.customer_id
41  order by total desc
42  limit 1
43
44
```

	customer_id [PK] integer	first_name character (50)	last_name character (50)	total double precision
1	5	R	Madhav	144.54000000000002

```
48      /* Q6: Write a Query to return the email, first name, last name,
49      genre of all Rock Music Listeners. Return your list ordered alphabetically
50      by email starting with A */
51      SELECT DISTINCT email,first_name, last_name
52      FROM customer
53      JOIN invoice ON customer.customer_id = invoice.customer_id
54      JOIN invoice_line ON invoice.invoice_id = invoice_line.invoice_id
55      WHERE track_id IN(
56          SELECT track_id FROM track
57          JOIN genre ON track.genre_id = genre.genre_id
58          WHERE genre.name LIKE 'Rock'
59      )
60      ORDER BY email;
```

	email character varying (50)	first_name character (50)	last_name character (50)
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