

Practice Quiz - Writing Queries

TOTAL POINTS 5

1. All of the questions in this quiz pull from the open source Chinook Database. Please refer to the ER Diagram below and familiarize yourself with the table and column names to write accurate queries and get the appropriate answers. **1 / 1 point**

ER Diagram.png

How many albums does the artist Led Zeppelin have?

```
1  --select count(albumid)
2  --from albums
3  --where artistid in (select artistid from artists where name = 'Led Zeppelin')
4
5  select count(albumid)
6  from albums, artists
7  where
8  artists.name = 'Led Zeppelin'
9  and artists.artistid = albums.artistid
10
11
12
```

Run

Reset

14

✓ Correct

2. All of the questions in this quiz pull from the open source Chinook Database. Please refer to the ER Diagram below and familiarize yourself with the table and column names to write accurate queries and get the appropriate answers. **1 / 1 point**

ER Diagram.png

Create a list of album titles and the unit prices for the artist "Audioslave".

```
1  select artists.name, title, tracks.unitprice
2  from tracks, albums, artists
3  where
4  artists.name = 'Audioslave'
5  and artists.artistid = albums.artistid
6  and albums.albumid = tracks.albumid
```

Run

7
8
9

Reset

```

+-----+-----+-----+
| Name   | Title   | UnitPrice |
+-----+-----+-----+
| Audioslave | Audioslave | 0.99 |
| Audioslave | Audioslave | 0.99 |
| Audioslave | Audioslave | 0.99 |
| Audioslave | Audioslave | 0.99 |
| Audioslave | Audioslave | 0.99 |
| Audioslave | Audioslave | 0.99 |
| Audioslave | Audioslave | 0.99 |
| Audioslave | Audioslave | 0.99 |
| Audioslave | Audioslave | 0.99 |
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| Audioslave | Audioslave | 0.99 |
| Audioslave | Audioslave | 0.99 |
| Audioslave | Audioslave | 0.99 |
| Audioslave | Audioslave | 0.99 |
| Audioslave | Audioslave | 0.99 |
| Audioslave | Out Of Exile | 0.99 |
| Audioslave | Out Of Exile | 0.99 |
| Audioslave | Out Of Exile | 0.99 |
| Audioslave | Out Of Exile | 0.99 |
| Audioslave | Out Of Exile | 0.99 |
| Audioslave | Out Of Exile | 0.99 |
| Audioslave | Out Of Exile | 0.99 |
| Audioslave | Out Of Exile | 0.99 |
| Audioslave | Out Of Exile | 0.99 |
| Audioslave | Out Of Exile | 0.99 |
| Audioslave | Out Of Exile | 0.99 |
+-----+-----+-----+
(Output limit exceeded, 25 of 40 total rows shown)

```

How many records are returned?

Only 25 records will be shown in the output so please look at the bottom of the output to see how many records were retrieved.



Correct

3. All of the questions in this quiz pull from the open source Chinook Database. Please refer to the ER Diagram below and familiarize yourself with the table and column names to write accurate queries and get the appropriate answers.

1 / 1 point

ER Diagram.png

Find the first and last name of any customer who does not have an invoice. Are there any customers returned from the query?

```
1 select firstname, lastname
2 from invoices left join customers on customers.customerid = invoices.customerid
3 where customers.customerid is null
```

[Run](#)
[Reset](#)☐ Yes☒ No **Correct**

4. All of the questions in this quiz pull from the open source Chinook Database. Please refer to the ER Diagram below and familiarize yourself with the table and column names to write accurate queries and get the appropriate answers. **1 / 1 point**

ER Diagram.png

Find the total price for each album.

```
1 select title, sum(unitprice)
2 from tracks, albums
3 where albums.title = 'Big Ones'
4 and albums.albumid = tracks.albumid
5
```

[Run](#)[Reset](#)

What is the total price for the album "Big Ones"?

14.85

 **Correct**

5. All of the questions in this quiz pull from the open source Chinook Database. Please refer to the ER Diagram below and familiarize yourself with the table and column names to write accurate queries and get the appropriate answers. **1 / 1 point**

ER Diagram.png

How many records are created when you apply a Cartesian join to the invoice and invoice items table?

```
1 select *  
2 from invoice_items
```

[Run](#)[Reset](#)

Only 25 records will be shown in the output so please look at the bottom of the output to see how many records were retrieved.

922880



Correct