

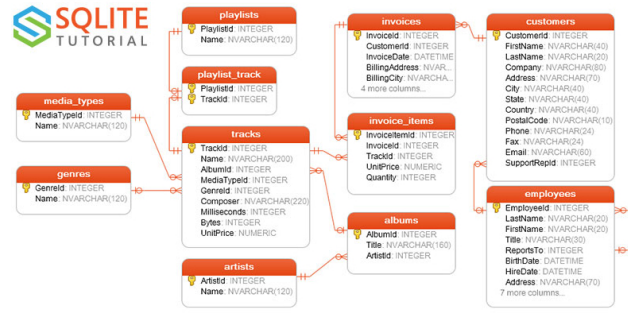
## Practice Quiz - Writing Queries

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 point



How many albums does the artist Led Zeppelin have?

```
1 SELECT A1.ArtistID,
2 A2.ArtistID,
3 count(*)
4 FROM Artists A1 INNER JOIN Albums A2
5 ON A1.ArtistID = A2.ArtistID
6 WHERE A1.name = "Led Zeppelin"
```

Run  
Reset

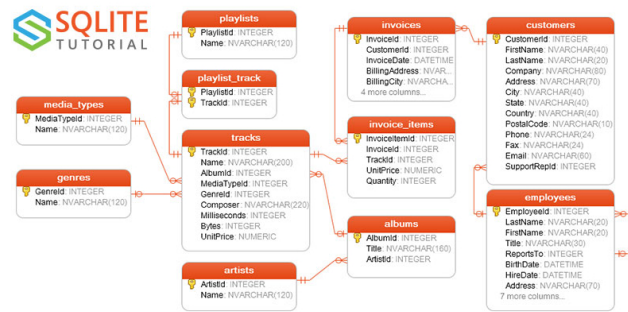
ArtistId	ArtistId	count(*)
22	22	14

14

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 point



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

```
1 SELECT A.Title,
2 T.UnitPrice,
3 COUNT(T.Name)
4 FROM albums A
5 INNER JOIN tracks T
6 ON A.AlbumId = T.AlbumId
7 WHERE A.Title = "Audioslave"
```

Run  
Reset

Title	UnitPrice	COUNT(T.Name)
Audioslave	0.99	14

How many records are returned?

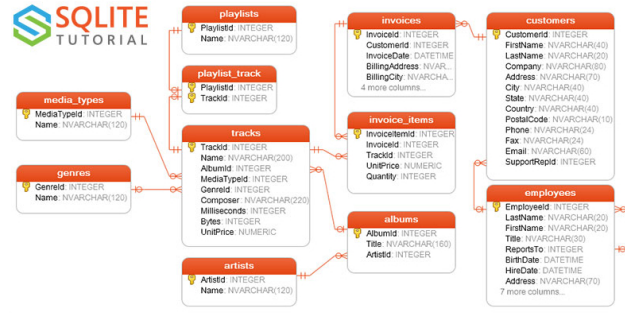
Only 25 records will be shown in the output so please look at the bottom of the output to see how many records were retrieved.

14

3.

1 point

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.



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 C.LastName,
2 C.FirstName
3 FROM customers C
4 LEFT JOIN invoices I
5 ON I.customerID = C.customerID
6 WHERE I.customerID IS NULL
```

Run  
Reset

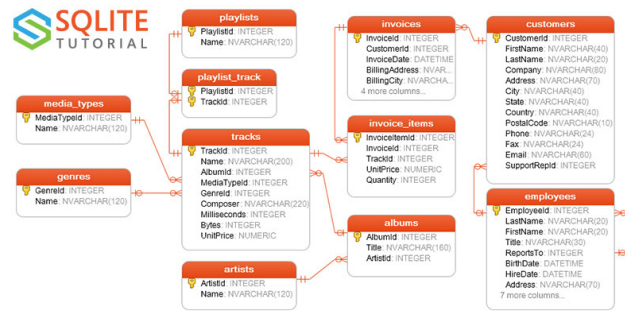
☐ Yes

☒ No

4.

1 point

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.



Find the total price for each album.

```
1 SELECT
2 SUM(I.UnitPrice * I.Quantity) AS Total_price
3 ,A.title
4 FROM tracks T
5 INNER JOIN invoice_items I
6 ON T.TrackId = I.TrackId
7 INNER JOIN albums A
8 ON A.AlbumId = T.AlbumId
9 WHERE A.title = "Big Ones"
10 GROUP BY(A.albumId)
11
12
13
14
15
16
17
18
```

19	Run
20	Reset

Total_price	Title
9.9	Big Ones

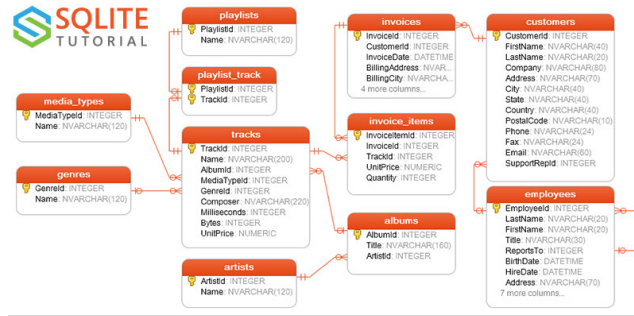
What is the total price for the album "Big Ones"?

9.9

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 point



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

1	SELECT COUNT(I1.InvoiceId)
2	FROM Invoices I1
3	CROSS JOIN Invoice_Items I2

COUNT(I1.InvoiceId)
922880

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

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