

1
point

1. All of the questions in this quiz refer to the open source Chinook Database. Please familiarize yourself with the [ER diagram](#) in order to familiarize yourself with the table and column names in order to write accurate queries and get the appropriate answers.

Using a subquery, find the **names** of all the **tracks** for the album "Californication".

```
1 SELECT TrackId, name
2 FROM Tracks
3 WHERE AlbumId in (SELECT AlbumId FROM Albums WHERE Title =
4 ORDER BY TrackId ASC
```

Run
Reset

```
+-----+-----+
| TrackId | Name                |
+-----+-----+
| 2391 | Around The World |
| 2392 | Parallel Universe |
| 2393 | Scar Tissue       |
| 2394 | Otherside          |
| 2395 | Get On Top         |
| 2396 | Californication    |
| 2397 | Easily             |
| 2398 | Porcelain          |
| 2399 | Emit Remmus        |
| 2400 | I Like Dirt        |
+-----+-----+
```

(Output limit exceeded, 10 of 15 total rows shown)

What is the title of the 8th track?

Porcelain

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2. All of the questions in this quiz refer to the open source Chinook Database. Please familiarize yourself with the [ER diagram](#) in order to familiarize yourself with the table and column names in order to write accurate queries and get the appropriate answers.

Find the total number of invoices for each customer along with the customer's full name, city and email.

```

1 SELECT count(InvoiceId), FirstName, LastName, City, Email
2 FROM Invoices as i
3 JOIN Customers as c ON c.CustomerId = i.CustomerId
4 WHERE FirstName = 'František'
5 AND LastName = 'Wichterlová'
6 GROUP BY 2,3,4,5
7

```

Run Reset

count(InvoiceId)	FirstName	LastName	City	Email
7	František	Wichterlová	Prague	frantisekw@jetbrains.com

After running the query described above, what is the email address of the 5th person, František Wichterlová? Enter the answer below (feel free to copy and paste).

frantisekw@jetbrains.com

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3. All of the questions in this quiz refer to the open source Chinook Database. Please familiarize yourself with the [ER diagram](#) in order to familiarize yourself with the table and column names in order to write accurate queries and get the appropriate answers.

Retrieve the track name, album, artistID, and trackID for all the albums.

```

1 SELECT t.Name, a.Title, art.ArtistId, t.trackId
2 FROM Tracks as t
3 JOIN Albums as a ON a.AlbumId = t.AlbumId
4 JOIN Artists as art ON art.ArtistId = a.ArtistId
5 WHERE t.trackId = 12
6 --AND a.Title = 'For Those About to Rock We Salute You'
7

```

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Name	Title	ArtistId	TrackId
Breaking The Rules	For Those About To Rock We Salute You	1	12

What is the song title of trackID 12 from the "For Those About to Rock We Salute You" album? Enter the answer below.

Breaking The Rules

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4. All of the questions in this quiz refer to the open source Chinook Database. Please familiarize yourself with the [ER diagram](#) in order to familiarize yourself with the table and column names in order to write accurate queries and get the appropriate answers.

Retrieve a list with the managers last name, and the last name of the employees who report to him or her.

```
1 SELECT LastName, FirstName, ReportsTo, Title
2 FROM Employees
3 WHERE LastName = 'Mitchell'
4 OR Title Like "%IT%"
5
6
```

Run

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LastName	FirstName	ReportsTo	Title
Mitchell	Michael	1	IT Manager
King	Robert	6	IT Staff
Callahan	Laura	6	IT Staff

After running the query described above, who are the reports for the manager named Mitchell (select all that apply)?

☐ Callahan☐ Edwards☐ Park☐ King☐ Johnson1
point

5. All of the questions in this quiz refer to the open source Chinook Database. Please familiarize yourself with the [ER diagram](#) in order to familiarize yourself with the table and column names in order to write accurate queries and get the appropriate answers.

Find the name and ID of the artists who do not have albums.

```
1 SELECT art.Name, art.ArtistId, a.AlbumId
2 FROM Artists as art
3 LEFT JOIN Albums as a on a.ArtistId = art.ArtistId
4 WHERE a.AlbumId is NULL
```

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Name	ArtistId	AlbumId
Milton Nascimento & Bebeto	25	None
Azymuth	26	None
João Gilberto	28	None
Bebel Gilberto	29	None
Jorge Vercilo	30	None
Baby Consuelo	31	None
Ney Matogrosso	32	None
Luiz Melodia	33	None
Nando Reis	34	None
Pedro Luís & A Parede	35	None

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After running the query described above, two of the records returned have the same last name. Enter that name below.

wrong

João Gilberto Bebel Gilberto

1
point

6. All of the questions in this quiz refer to the open source Chinook Database. Please familiarize yourself with the [ER diagram](#) in order to familiarize yourself with the table and column names in order to write accurate queries and get the appropriate answers.

Use a UNION to create a list of all the employee's and customer's first names and last names ordered by the last name in descending order.

Module 3 Coding Assignment

Quiz, 7 questions

```

1 SELECT FirstName, LastName
2 FROM Employees
3 UNION
4 SELECT FirstName, LastName
5 FROM Customers
6 ORDER BY LastName DESC

```

Run

Reset

FirstName	LastName
Fynn	Zimmermann
Stanisław	Wójcik
František	Wichterlová
Johannes	Van der Berg
François	Tremblay
Mark	Taylor
Ellie	Sullivan
Victor	Stevens
Puja	Srivastava
Jack	Smith

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After running the query described above, determine what is the last name of the 6th record? Enter it below. Remember to order things in descending order to be sure to get the correct answer.

Taylor

1
point

7. All of the questions in this quiz refer to the open source Chinook Database. Please familiarize yourself with the [ER diagram](#) in order to familiarize yourself with the table and column names in order to write accurate queries and get the appropriate answers.

See if there are any customers who have a different city listed in their billing city versus their customer city.

```

1 SELECT count(*)
2 FROM Customers as c
3 JOIN Invoices as i ON c.CustomerId = i.CustomerId
4 WHERE c.City <> i.BillingCity

```

Run

Reset

Indicate your answer below.

- ☐ No customers have a different city listed in their billing city versus customer city.
- ☐ 3 customers have a different city listed in their billing city versus customer city.
- ☐ 8 customers have a different city listed in their billing city versus customer city.



17 customers have a different city listed in their billing city versus customer city.



I, **Yuhui Chou**, understand that submitting work that isn't my own may result in permanent failure of this course or deactivation of my Coursera account.

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