

Module 3 Coding Assignment

Quiz, 7 questions

✓ **Congratulations! You passed!**

Next Item



1 / 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 Name,  
2     AlbumID  
3 FROM Tracks  
4 WHERE AlbumId IN (SELECT AlbumId  
5     FROM Albums  
6     WHERE Title = "Californication");
```

Run

Reset

What is the title of the 8th track?

Porcelain

Correct Response



1 / 1
point

2.

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

```
1 SELECT FirstName,  
2     LastName,  
3     City,  
4     Email,  
5     COUNT(I.CustomerId) AS Invoices  
6 FROM Customers C INNER JOIN Invoices I  
7 ON C.CustomerId = I.CustomerId  
8 GROUP BY C.CustomerId
```

Run

Reset

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

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frantisekw@jetbrains.com

Correct Response



1 / 1
point

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 Tracks.Name,  
2     A.Name AS Artist,  
3     Albums.Title AS Album,  
4     Tracks.TrackId  
5 FROM ((Tracks INNER JOIN Albums  
6 ON Tracks.AlbumId = Albums.AlbumId)  
7 INNER JOIN Artists A  
8 ON A.ArtistId = Albums.ArtistId);
```

Run

Reset

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

Correct Response



1 / 1
point

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.

Module 3 Coding Assignment

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

```
1 SELECT M.LastName AS Manager,  
2       E.LastName AS Employee  
3 FROM Employees E INNER JOIN Employees M  
4 ON E.ReportsTo = M.EmployeeID
```

RunReset

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

☒

Callahan



Correct

☐

Edwards



Un-selected is correct

☐

Johnson



Un-selected is correct

☐

King



Correct

☐

Park



Un-selected is correct



1 / 1
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.

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```
1 SELECT Name AS Artist,
2       Artists.ArtistId,
3       Albums.Title AS Album
4 FROM Artists
5 LEFT JOIN Albums
6 ON Artists.ArtistId = Albums.ArtistId
7 WHERE Album IS NULL
```

Run

Reset

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

Gilberto

Correct Response



1 / 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.

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

Run

Reset

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

Correct Response



1 / 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.

Module 3 Coding Assignment

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

```
1 SELECT C.FirstName,  
2        C.LastName,  
3        C.City AS CustomerCity,  
4        I.BillingCity  
5 FROM Customers C  
6 INNER JOIN Invoices I  
7 ON C.CustomerId = I.CustomerId  
8 WHERE CustomerCity != BillingCity
```

RunReset

Indicate your answer below.

☒ No customers have a different city listed in their billing city versus customer city.



Correct

☐ 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.

