

Module 3 Coding Assignment

LATEST SUBMISSION GRADE

100%

1.Question

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".



The screenshot shows a SQL query editor with a toolbar at the top containing icons for undo, redo, and a dropdown menu. Below the toolbar, the query text is as follows:

```
SELECT Name,  
       AlbumID  
FROM Tracks  
WHERE AlbumId IN (SELECT AlbumId  
                  FROM Albums  
                  WHERE Title = "Californication");
```

At the bottom of the editor, there are two buttons: "Run" and "Reset".

What is the title of the 8th track?

1 / 1 point

Porcelain

Correct

2.Question

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.

[illegible]

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).

1 / 1 point

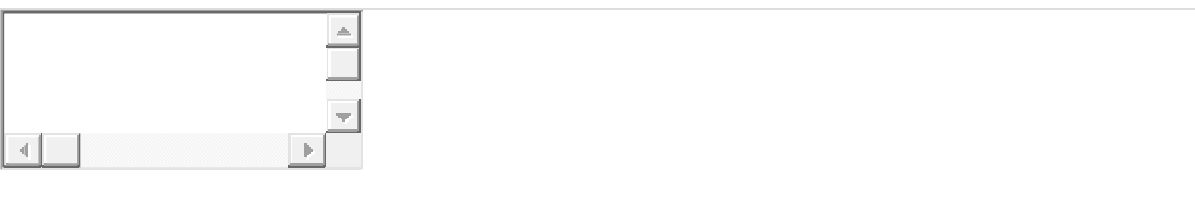
frantisekw@jetbrains.com

Correct

3.Question

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.



```
SELECT Tracks.Name,
        A.Name AS Artist,
        Albums.Title AS Album,
        Tracks.TrackId
```

```
FROM ((Tracks INNER JOIN Albums
ON Tracks.AlbumId = Albums.AlbumId)
INNER JOIN Artists A
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.

1 / 1 point

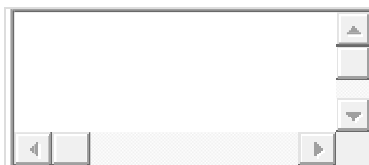
Breaking The Rules

Correct

4.Question

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.



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

Run Reset

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

1 / 1 point

☐

Edwards

☒

Callahan

Correct

☐

Park

☐

Johnson

☒

King

Correct

5.Question

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.

```
SELECT Name AS Artist,
        Artists.ArtistId,
        Albums.Title AS Album
FROM Artists
LEFT JOIN Albums
ON Artists.ArtistId = Albums.ArtistId
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.

1 / 1 point

Gilberto

Correct

6.Question

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.



The screenshot shows a SQL query editor with a toolbar at the top containing icons for undo, redo, and other functions. The query text is as follows:

```
SELECT FirstName,  
        LastName  
FROM Employees  
  
UNION  
  
SELECT FirstName,  
        LastName  
FROM Customers  
  
ORDER BY LastName DESC
```

At the bottom of the editor, there are two buttons: "Run" and "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.

1 / 1 point

Taylor

Correct

7.Question

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.

The screenshot shows a SQL query editor with a toolbar at the top and a query text area below. The toolbar includes buttons for undo, redo, and a dropdown menu. The query text is as follows:

```
SELECT C.FirstName,  
       C.LastName,  
       C.City AS CustomerCity,  
       I.BillingCity  
FROM Customers C  
INNER JOIN Invoices I  
ON C.CustomerId = I.CustomerId  
WHERE CustomerCity != BillingCity
```

At the bottom of the editor, there are two buttons: "Run" and "Reset".

Indicate your answer below.

1 / 1 point

- ☒ 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.