Module 4 Coding Questions

Quiz, 6 questions

✔ ## Congratulations! You passed!

✖　　0 / 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.

Pull a list of customer ids with the customer's full name, and address, along with combining their city and country together. Be sure to make a space in between these two and make it UPPER CASE.

```
1   SELECT CustomerId
2        ,Address
3        ,FirstName||'('||LastName||')' AS FullName
4        ,UPPER(City||'('||Country||')') AS CityCountry
5   FROM Customers;
```

Run

Reset

What is the city and country result for CustomerID 16? Copy and paste the result below.

MOUNTAIN VIEW(USA)

Incorrect Response

✔　　1 / 1
　　　point

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.

Create a new employee user id by combining the first 4 letter of the employee's first name with the first 2 letters of the employee's last name. Make the new field lower case and pull each individual step to show your work.

```
1   SELECT FirstName,
2          LastName,
3          LOWER(SUBSTR(FirstName,1,4)) AS A,
4          LOWER(SUBSTR(LastName,1,2)) AS B,
5          LOWER(SUBSTR(FirstName,1,4)) || LOWER(SUBSTR(LastName,1,2)) AS userId
6   FROM Employees
```

Run

Reset

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What is the final result for Robert King?

> robeki

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 <u>ER diagram</u> in order to familiarize yourself with the table and column names in order to write accurate queries and get the appropriate answers.

Show a list of employees who have worked for the company for 15 or more years using the current date function. Sort by lastname ascending.

```
1   SELECT EmployeeId
2          ,FirstName
3          ,LastName
4          ,(STRFTIME('%Y', 'now') - STRFTIME('%Y', HireDate))
5           - (STRFTIME('%m-%d', 'now') < STRFTIME('%m-%d', HireDate))
6           AS YearsWorked
7   FROM Employees
8   WHERE YearsWorked>=15
9   ORDER BY LastName ASC;
```

Run

Reset

What is the lastname of the last person on the list returned?

> Peacock

Correct Response

✓   1 / 1 point

4.

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Profiling the Customers table, answer the following question.

```
1   SELECT COUNT(*)
2   FROM Customers
3   WHERE [PostalCode] is NULL;
```

Run

Reset

Are there any columns with null values? Indicate any below. Select all that apply.

☐ Fax

Correct

☐ Address

Un-selected is correct

☐ Company

Correct

☐ FirstName

Un-selected is correct

☐ Phone

Correct

☐ Postal Code

Correct

✓   1 / 1
     point

5.

Module 4 Coding Questions

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Find the cities with the most customers and rank in descending order.

```
1   SELECT City
2       ,COUNT(*)
3   FROM Customers
4   GROUP BY City
5   ORDER BY COUNT(*) DESC
```

Run

Reset

Which of the following cities indicate having 2 customers?

☐ Budapest

▲

Un-selected is correct

☐ São Paulo

▲

Correct

☐ Frankfurt

▲

Un-selected is correct

☐ London

▲

Correct

☐ Dublin

▲

Un-selected is correct

☐ Mountain View

▲

Correct

✔ 1 / 1
   point

6.

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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.

Create a new customer invoice id by combining a customer's invoice id with their first and last name while ordering your query in the following order: firstname, lastname, and invoiceID.

```
1   SELECT C.FirstName,
2          C.LastName,
3          I.InvoiceId,
4          C.FirstName || C.LastName || I.InvoiceID AS NewId
5   FROM Customers C INNER JOIN Invoices I
6   ON C.CustomerId = I.CustomerID
7   WHERE NewId LIKE 'AstridGruber%'
```

Run

Reset

Select all of the correct "AstridGruber" entries that are returned in your results below. Select all that apply.

☑ AstridGruber273

▲

Correct

☑ AstridGruber296

▲

Correct

☐ AstridGruber354

▲

Un-selected is correct

☑ AstridGruber370

▲

Correct

☐ AstridGruber408

▲

Un-selected is correct

☐ AstridGruber456

▲

Un-selected is correct

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