

# Module 4 Coding Questions

LATEST SUBMISSION GRADE

94.44%

## 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.

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.



```
SELECT CustomerId,
        FirstName || " " || LastName AS FullName,
        Address,
        UPPER(City || " " || Country) AS CityCountry
FROM Customers
```

Run Reset

What is the city and country result for CustomerID 16?

1 / 1 point


MOUNTAIN VIEW USA

**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.

Create a new employee user id by combining the first 4 letters 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.



```

SELECT FirstName,

        LastName,

        LOWER(SUBSTR(FirstName,1,4)) AS A,

        LOWER(SUBSTR(LastName,1,2)) AS B,

        LOWER(SUBSTR(FirstName,1,4)) || LOWER(SUBSTR(LastName,1,2)) AS userId

FROM Employees

```

Run Reset

What is the final result for Robert King?

1 / 1 point

robeki

**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.

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.



```
SELECT FirstName,
        LastName,
        HireDate,
        (STRFTIME('%Y', 'now') - STRFTIME('%Y', HireDate))
        - (STRFTIME('%m-%d', 'now') < STRFTIME('%m-%d', HireDate))
```

```
AS YearsWorked

FROM Employees

WHERE YearsWorked >= 15

ORDER BY LastName ASC
```

Run Reset

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

1 / 1 point


Peacock

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.

Profiling the Customers table, answer the following question.



```
select *
```

from Customers

Run Reset

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

0.667 / 1 point

☐

FirstName

☐

Address

☐

Postal Code - Correct



Fax - Correct

**Correct**



Company - Correct

**Correct**

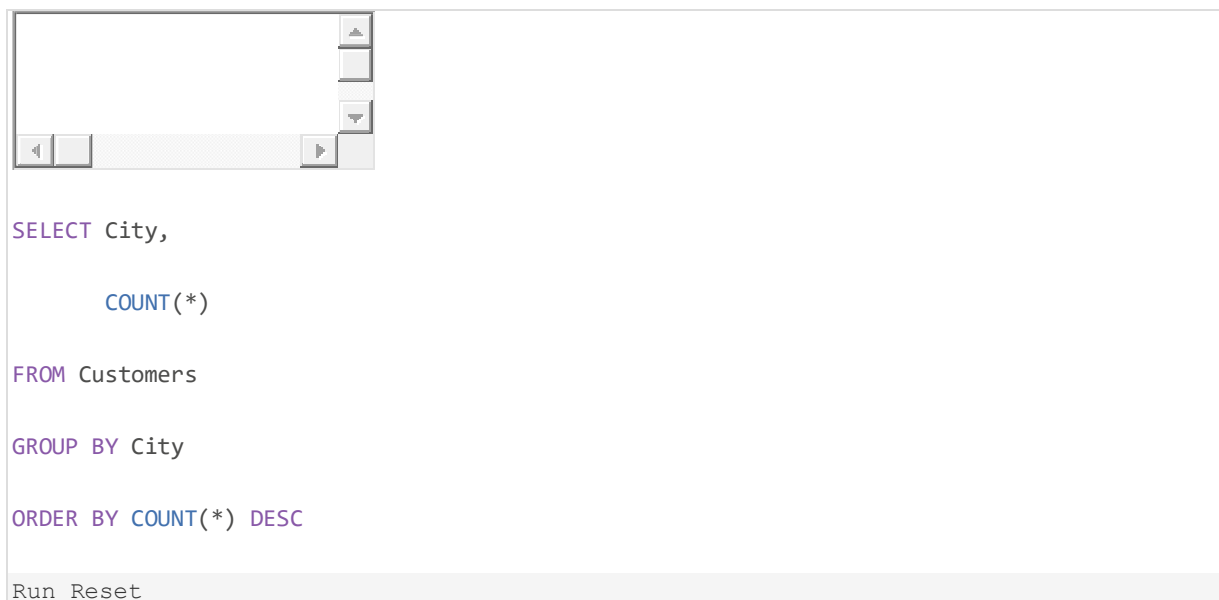


Phone

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



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

```
SELECT City,  
        COUNT(*)  
FROM Customers  
GROUP BY City  
ORDER BY COUNT(*) DESC
```

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

Which of the following cities indicate having 2 customers?

**1 / 1 point**



São Paulo

**Correct**



London

**Correct**



Dublin



Mountain View

**Correct**



Frankfurt

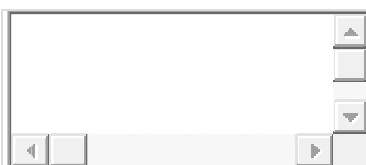


Budapest

## 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.

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.



```
SELECT C.FirstName,  
  
       C.LastName,  
  
       I.InvoiceId,  
  
       C.FirstName || C.LastName || I.InvoiceID AS NewId
```

```
FROM Customers C INNER JOIN Invoices I
```

```
ON C.CustomerId = I.CustomerID
```

```
WHERE NewId LIKE 'AstridGruber%'
```

RunReset

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

**1 / 1 point**

☐

AstridGruber273 - Correct

**Correct**

☐

AstridGruber296 - Correct

**Correct**

☐

AstridGruber354

☐

AstridGruber370 - Correct

**Correct**

☐

AstridGruber408

☐

AstridGruber456