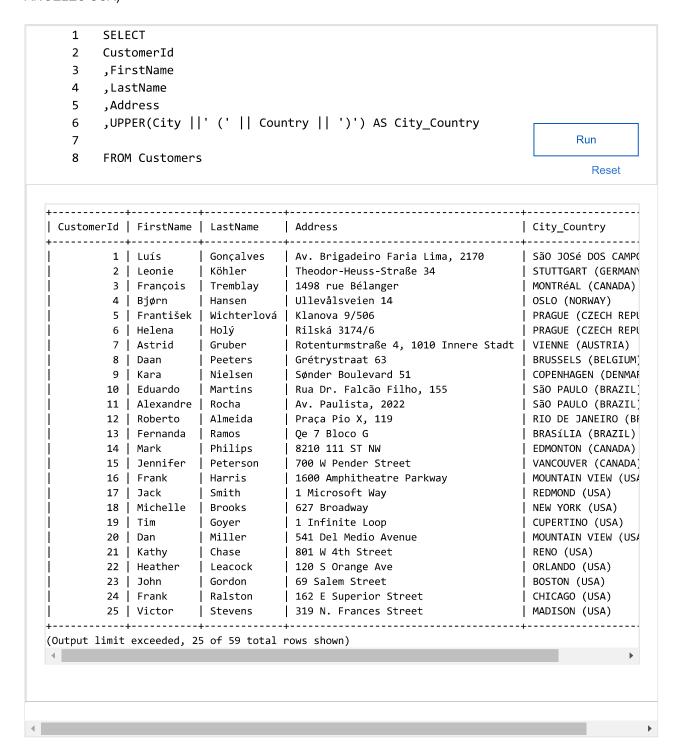
Module 4 Coding Questions

Latest Submission Grade 100%

1.All of the questions in this quiz refer to the open source Chinook Database. Please familiarize yourself with the 1 / 1 point 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. (e.g. LOS ANGELES USA)



What is the city and country result for CustomerID 16?

MOUNTAIN VIEW USA

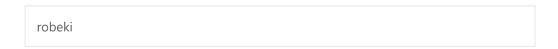


2.All of the questions in this quiz refer to the open source Chinook Database. Please familiarize yourself with the 1 / 1 point ER diagram in order to familiarize yourself with the table and column names in order to write accurate queries and get the appropriate answers.

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.



What is the final result for Robert King?





3.All of the questions in this quiz refer to the open source Chinook Database. Please familiarize yourself with the 1 / 1 point 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.

1 SELECT

```
FirstName
  3
      ,LastName
  4
      ,CURRENT_DATE - HireDate as Years_employed
  5
  6
      FROM Employees
  7
      WHERE Years_employed >= 15
                                                            Run
                                                              Reset
+-----
| FirstName | LastName | Years_employed |
 -----+
 Andrew Adams 19
                        19 l
 Nancy Edwards
        Peacock
                         19 |
 Jane
| Margaret | Park
                         18 |
       Johnson
Steve
                         18 |
| Michael | Mitchell |
                         18 |
| Robert | King |
| Laura | Callahan |
                         17 |
                         17
 -----
```

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





4.All of the questions in this quiz refer to the open source Chinook Database. Please familiarize yourself with the 1 / 1 point 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
  1
  2
    COUNT(*)
    ,COUNT(Fax)
  3
  4
    ,COUNT(FirstName)
  5
    ,COUNT(Phone)
    ,COUNT(Company)
  7
     ,COUNT(Address)
  8
     ,COUNT(PostalCode)
                                               Run
     FROM Customers
                                                 Reset
COUNT(*) | COUNT(Fax) | COUNT(FirstName) | COUNT(Phone) | COUNT(Company) | COUNT(Address) | COUNT
 59
          12
                     59
                             58
                                       10
                                                59
```



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





FirstName

Postal Code

Fax

⊘ Correct

Address

Company

5.All of the questions in this quiz refer to the open source Chinook Database. Please familiarize yourself with the 1 / 1 point 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.

```
SELECT
1
2
    COUNT(*) AS Nr_Customers
3
    ,City
5
    FROM Customers
6
    GROUP BY City
7
    HAVING Nr_Customers>1
8
    ORDER BY Nr_Customers DESC
9
                                                                           Run
                                                                             Reset
```

	+	+		
	Berlin			
	London			
2	Mountain View			
2	Paris			
2	Prague			
	São Paulo			
	+	 		

Which of the following cities indicate having 2 customers?

Frankfur	t
----------	---

\Box	Budapes
--------	---------





São	Daula
Sao	Paulo



Moi	ıntain	View
IVIUL	IIIIaiii	A IC M

⊘ Correct

☐ Dublin

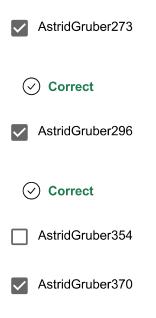
6.All of the questions in this quiz refer to the open source Chinook Database. Please familiarize yourself with the 1 / 1 point <u>ER diagram</u> in order to familiarize yourself with the table and column names in order to write accurate queries and get the appropriate answers.

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
2     c.FirstName || c.LastName || I.InvoiceID AS New_Id
3
4     FROM Invoices i
5     INNER JOIN Customers c ON c.CustomerId=i.CustomerId
```



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



⊘ Correct

AstridGruber408
AstridGruber456