**Module 2 Coding Assignment**

**LATEST SUBMISSION GRADE**

100%

1.Question 1

All of the questions in this quiz refer to the open source Chinook Database. Please familiarize yourself with the [ER diagram](https://ucde-rey.s3.amazonaws.com/DSV1015/ChinookDatabaseSchema.png) to familiarize yourself with the table and column names to write accurate queries and get the appropriate answers.

**Run Query:** Find all the tracks that have a length of 5,000,000 milliseconds or more.



1

2

3

SELECT COUNT(TrackId)

FROM TRACKS

WHERE Milliseconds >= 5000000

RunReset

How many tracks are returned?

2

**Correct**

**1 / 1 point**

2.Question 2

All of the questions in this quiz refer to the open source Chinook Database. Please familiarize yourself with the [ER diagram](https://ucde-rey.s3.amazonaws.com/DSV1015/ChinookDatabaseSchema.png) to familiarize yourself with the table and column names to write accurate queries and get the appropriate answers.

**Run Query:** Find all the invoices whose total is between $5 and $15 dollars.



1

2

3

SELECT InvoiceID,Total

FROM Invoices

WHERE Total > 5 AND Total < 15

RunReset

While the query in this example is limited to 10 records, running the query correctly will indicate how many total records there are - enter that number below.

168

**Correct**

**1 / 1 point**

3.Question 3

All of the questions in this quiz refer to the open source Chinook Database. Please familiarize yourself with the [ER diagram](https://ucde-rey.s3.amazonaws.com/DSV1015/ChinookDatabaseSchema.png) to familiarize yourself with the table and column names to write accurate queries and get the appropriate answers.

**Run Query:** Find all the customers from the following States: RJ, DF, AB, BC, CA, WA, NY.



1

2

3

SELECT FirstName, LastName, Company, State

FROM Customers

WHERE State IN ('RJ','DF','AB','BC','CA','WA','NY')

RunReset

What company does Jack Smith work for?



Apple Inc.



Microsoft Corp



Google Inc.



Rogers Canada

**Correct**

**1 / 1 point**

4.Question 4

All of the questions in this quiz refer to the open source Chinook Database. Please familiarize yourself with the [ER diagram](https://ucde-rey.s3.amazonaws.com/DSV1015/ChinookDatabaseSchema.png) to familiarize yourself with the table and column names to write accurate queries and get the appropriate answers.

**Run Query:** Find all the invoices for customer 56 and 58 where the total was between $1.00 and $5.00.



1

2

3

4

SELECT CustomerId, InvoiceId, Total, InvoiceDate

FROM Invoices

WHERE CustomerID IN (56,58) AND

Total BETWEEN 1 AND 5

RunReset

What was the invoice date for invoice ID 315?



6-12-2010



1-29-2013



10-27-2012



12-22-2013

**Correct**

**1 / 1 point**

5.Question 5

All of the questions in this quiz refer to the open source Chinook Database. Please familiarize yourself with the [ER diagram](https://ucde-rey.s3.amazonaws.com/DSV1015/ChinookDatabaseSchema.png) to familiarize yourself with the table and column names to write accurate queries and get the appropriate answers.

**Run Query:** Find all the tracks whose name starts with 'All'.



1

2

3

SELECT TrackId, Name

FROM Tracks

WHERE Name LIKE 'All%'

RunReset

While only 10 records are shown, the query will indicate how many total records there are for this query - enter that number below.

15

**Correct**

**1 / 1 point**

6.Question 6

All of the questions in this quiz refer to the open source Chinook Database. Please familiarize yourself with the [ER diagram](https://ucde-rey.s3.amazonaws.com/DSV1015/ChinookDatabaseSchema.png) to familiarize yourself with the table and column names to write accurate queries and get the appropriate answers.

**Run Query:** Find all the customer emails that start with "J" and are from gmail.com.



1

2

3

SELECT CustomerId, Email

FROM Customers

WHERE Email LIKE "J%@gmail.com"

RunReset

Enter the one email address returned (you will likely need to scroll to the right) below.

jubarnett@gmail.com

**Correct**

**1 / 1 point**

7.Question 7

All of the questions in this quiz refer to the open source Chinook Database. Please familiarize yourself with the [ER diagram](https://chinookdatabase.codeplex.com/wikipage?title=Chinook_Schema&referringTitle=Documentation) to familiarize yourself with the table and column names to write accurate queries and get the appropriate answers.

**Run Query:** Find all the invoices from the billing city Brasília, Edmonton, and Vancouver and sort in descending order by invoice ID.



1

2

3

4

5

SELECT InvoiceId, BillingCity, Total

FROM Invoices

WHERE BillingCity IN ('Brasilia','Edmonton','Vancouver')

ORDER BY InvoiceId DESC

RunReset

What is the total invoice amount of the first record returned? Enter the number below without a $ sign. *Remember to sort in descending order to get the correct answer.*

13.86

**Correct**

**1 / 1 point**

8.Question 8

All of the questions in this quiz refer to the open source Chinook Database. Please familiarize yourself with the [ER diagram](https://ucde-rey.s3.amazonaws.com/DSV1015/ChinookDatabaseSchema.png) to familiarize yourself with the table and column names to write accurate queries and get the appropriate answers.

**Run Query:** Show the number of orders placed by each customer (hint: this is found in the invoices table) and sort the result by the number of orders in descending order.



1

2

3

4

SELECT CustomerId, COUNT(\*) AS Orders

FROM Invoices

GROUP BY CustomerId

ORDER BY Orders DESC

RunReset

What is the number of items placed for the 8th person on this list? Enter that number below.

7

**Correct**

**1 / 1 point**

9.Question 9

All of the questions in this quiz refer to the open source Chinook Database. Please familiarize yourself with the [ER diagram](https://ucde-rey.s3.amazonaws.com/DSV1015/ChinookDatabaseSchema.png) to familiarize yourself with the table and column names to write accurate queries and get the appropriate answers.

**Run Query:** Find the albums with 12 or more tracks.



1

2

3

4

SELECT AlbumId, Count(\*) AS Ntracks

FROM Tracks

GROUP BY AlbumId

HAVING COUNT (\*) >= 12

RunReset

While the number of records returned is limited to 10, the query, if run correctly, will indicate how many total records there are. Enter that number below.

158

**Correct**